DR. CHARLES B. NORTH (1869 - 1961)

A REGISTER OF HIS PAPERS IN THE NATIONAL AGRICULTURAL LIBRARY

# NATIONAL



LIBRARY

#### SUMMARY

The papers of the late Charles E. North, pioneer in the dairy industry, leader in gaining public acceptance of milk pasteurization laws and author of many articles and reports related to the development of the dairy industry were presented to the National Agricultural Library on November 21, 1969 by Miss Jean P. North.

The scope of this collection (approximately 20,000 items), encompasses North's correspondence as it pertains to a variety of subjects related both directly and indirectly to the development of the dairy industry during the first half of the twentieth century. Of particular significance to the researcher in public health and consumer protection are the records concerning his efforts toward gaining passage of Milk Legislation. Also included in this collection are his many patents on processes and devices related to the milk industry and copies of mahy of his published articles in this area. Finally, there are many photographs and several movies which pictorially reflect his efforts and determination towards upgrading the sanitary standards for processing milk.

Literary rights in the papers of Charles E. North are in the custody of the National Agricultural Library and are open to qualified researchers and scholars. Dr. North served as bacteriologist and consultant on clean milk and pollution to state and local governments; he was a pioneer in the dairy industry. His efforts towards the acceptance of milk pasteurization in the area of public health are well-known. He invented numerous processes and machines for dehydration and reconstitution of milk products and wrote numerous reports and papers on bacteriology, public health, and sanitation.

Morth brought such things as covered milk pails and dairy cattle inspection to the point of commonplace in U.S. dairy history. A medical doctor much concerned with public health, he was responsible for many aids making the sale of milk and milk products safe for the consumer. Consumer protection was the concentrated goal of North for the 50 years he devoted to the industry. Many patents still in force are in his name, and notebooks and charts for these form part of his collection of papers. In addition the papers contain copies of the above-mentioned patents on processes and levices, notes of research, and letters dealing with a variety of subjects spanning the first half of the twentieth century.

North, Charles Edward, 1869-1961.

Papers, 1912-61. ca. 159 ft.

In National Agricultural Library (Beltsville, Md.)

Physician, public health officer, and agricultural scientist. Correspondence, research notes, patents on processes and devices, notebooks, graphs for lectures, photos, and lantern slides, relating chiefly to North's work in developing aids in making the sale of milk and milk products safe for the consumer.

Research access restricted.

Information on literary rights available in the library. Gift of Miss Jean North.

MS 70-1368

Library of Congress

(<u>\$</u>)

CHARLES E. NORTH

sanitarian, author, inventor

born: Somrborough, N.Y. 1869

A.B. Wesleyan University 1893

MD. College of Physicians and Surgeons (Columbia) 1900

post-graduate work in bacteriology, Columbia, 1905

post-graduate work in public health, Harvard, 1909-10

Manager, Purity Milk Company, 1900-04

Bacteriologist, Lederle Laboratories, 1905-08

Appointed in 1908, by Department of Health, New York City, director of research on value of bacterial vaccines and Opsonic Index.

Consulting bacteriologist, Jersey City Water Dept., 1908-10

Established clean milk supply for infant milk stations of New York Milk Committee, 1908-10

Consulting expert on part of New York State in litigation with State of New Jersey on pollution of New York Harbor by Passaic Valley Sewer, 1913

Appointed chairman, Mayor Mitchell's Committee on Milk, 1917

Drew plans for municipal milk plant, Jamestown, New York, 1918

Surveyed milk supply, City of Rochester, New York, 1919

Expert for Montclair, N. J. in water supply litigation, 1919

Survey of milk supply of Kansas City, 1921

Executive Secretary, National Committee on Milk Standards

Secretary, Grade A Milk Association, 1938

Chairman, Committee on Longevity, Class of 1900, College of Physicians and Surgeons (Columbia) New York, 1940

Recipient citation, Philadelphia Dairy Technical Society, 1955 Died 1961

# Biographical Note

(From m	ass of	material	in	files)
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(From mass	of material in files)
Education:	Wesleyan University; Columbia University; Harvard; Bacteriology, chemistry, medicine
1900-1904	Purity Milk Company, Trenton, N. J. (Certified Milk Farms).
1905-1908	Lederie Laboratories; established Department of Bacteriology; bacterial testing for 55 milk dealers.
1906	Holding method of pasteurisation; Sheffield Farms Company.
1907-1920	New York Milk Committee; baby health stations; milk supply.
1908-1954	Own office and laboratories; consulting services.
1908	Agent for Metchnikoff, Director of Pasteur Institute; made cultures of Bacillus Bulgaricus.
1908-1911	Bacteriologist, Water Department, Jersey City, N. J.; chlorine sterilization of water: Jersey City, New Brunswick, New York City, Toronto and other cities.
1909	Homer milk station; N. Y. Dairy Demonstration Company.
1910	National Commission on Milk Standards, Grade A Milk; (Secretary, 1910-1920).
1910-1913	Expert for International Milk Dealers Association.
1912	Grade A milk for Baltimore and Buffalo.
1912	Clarifier; DeLaval machines tested.
1913	Homogenizer lawsuit.
1914	Wrote new milk ordinance, New York City.
1914	Abbotts Dairies, Oxford, Pa.

## Biographical Note - cont'd. (sheet 1)

1915 Borden Company; 7 Grade A milk stations. 1915 Sheffield Farms Company; 3 Grade A milk stations. 1916-1917 Fifteen dealers: New York, New Jersey, Boston, Providence, Hartford, Springfield, St. Louis; Grade A milk. 1918 Mechanical cowe reconstituted milk for Merrell-Soule Co. 1918 Survey; cost N. Y. City milk supply, for Department of Health. 1919 Survey; cost Rochester milk suppky, for City. 1920 Wrote milk ordinance, Kansas Cityl 1920 Endicott tests with 35 experts on commercial pasteurising machines; published by U. S. Public Health Service. 1918-1931 Pilot plants, testing methods for dehydration of milk fat and milk solids. 1910-1920 Visited many cities, United States and Canada, to establish pasteurisation. 1920 First production of plastic cream, Fort Covington, N. Y. 1924 Bacterial tests on Tubercle Bacilli (with Dr. William H. Park) to fix standards for pasteurization. 1925 Invented precision heaters for pasteurizing machines, for Creamery Package Mfg. Company. 1918-1931 Thirty-six (36) patents on processes and machines for dehydration and reconstitution of milk from fat and solids. 1927 Introduced stainless steel for dairy machinery after six months' tests with other metals for corrosion. 1927 Nine (9) patents on chocolate stabilizers; sold to Krimko Company.

### Biographical Note - cont(d. (sheet 2)

- 1928-1930 Worked with Wisconsin Alumni Research Foundation on Vitamin D production with ultra-violet ray, and designed machine.
- 1920-1932 Directed five expositions in Grand Central Palace and armories, on milk and public health; in one of these, display of Dr. McCollum's animals with vitamin tests.
- 1910-1920 Investigated thirteen epidemics, including typhoid fever, septic sore throat, due to infected water and milk.
- 1927-1954 Invented many machines, manufactured for dairy industry, 75 patents (Greamery Package Mfg. Co.; Delaval Separator Company).
- 1940-1954 Operated pilot plants for milk oil and dry skim milk.

# QUALIFICATIONS AS EXPERT IN DAIRY SCIENCE

- 1. Degree of A. B., Wesleyan University, Middletown, Conn., 1893.
- 2. Degree of M. D., Columbia University, New York, 1900.
- 3. Post-Graduate in Bacteriology, Harvard University Medical School, 1909-10.
- 4. Organized and operated Purity Milk Co., Trenton, N. J., 1900-1904.
- 5. Director of Bacteriology, Lederle Laboratories, New York, serving 55 milk companies, 1905-1908.
- 6. Member, New York Milk Committee, milk for infants, New York, 1907-1920.
- 7. Secretary, National Commission on Milk Standards, 1910-1920.
- 8. Organized New York Dairy Demonstration Co. (milk for infants), 1909-1912.
- 9. Invented new "holding method", pasteurization, 1906.

## QUALIFICATIONS AS EXPERT IN DAIRY SCIENCE - cont'd. (sheet 1)

- 10. Consulting expert, International Milk Dealers' Association, 1910-11-12.
- 11. Introduced Grade A milk and system of control, 1911.
- 12. Established Grade A milk for Baltimore, 1913.
- 13. Wrote new milk ordinance, New York City, 1914.
- 14. Established Grade A milk, Abbotts Dairies, Philadelphia, 1914.
- 15. Established Grade A milk for Boston, 1915.
- 16. Established Grade A milk for Borden Company, New York, 1915. ...
- 17. Established Grade A milk for Sheffield Farms Co., 1916.
- 18. Operated "mechanical cow" for Merrell-Soule Co. of Syracuse, N. Y., making reconstituted milk, 1917.
- 19. Organized Milk Oil Corporation, 1918, to make milk oil and reconstituted milk and cream.
- 20. Took out 36 patents between 1918-1928 on milk oil and reconstituted milk.
- 21. Retained by Mayor John Purroy Mitchell of New York City for survey of City milk supply, 1917-18.
- 22. Retained by Mayor of Rochester, N.Y., 5 months' survey of City milk supply, 1919.
- 23. Retained by Mayor of Jamestown, N. Y., survey of City milk, 1919.
- 24. Installed milk oil machinery in plant of Horton Ice Cream Co., Sussex, N. J., 1919 (3 months).
- 25. Retained by Mayor of Kansas City, Mo. (3 months) survey, City milk supply, 1920.
- Installed milk oil machinery in plant of Borden Company, Wassaic, N. Y. (6 months), 1920.
- 27. Directed investigation of commercial pasteurization, Endicott, N. Y., by 35 experts, 1920-1922. Report published by U. S. Public Health Service.

# QUALIFICATIONS AS EXPERT IN DAIRY SCIENCE - cont'd. (sheet 2)

- 28. Installed milk oil madhinery in plant of General Ice Cream Co., Ft. Covington, N. Y., 1922-24.
- 29. Installed milk oil machinery in plant of Kraft Cheese Co., Antigo, Wis. (6 months), 1925.
- 30. Retained as consultant by many large milk companies including Borden Co.; Sheffield Farms; H. P. Hood & Sons, Boston; D. Whiting & Sons, Boston; Western Maryland Co., Baltimore; Abbotts Dairies, Philadelphia; Pevely Dairy Co., St. Louis; Chapman Dairies, Kansas City; and many others.
- 31. Consulting practice includes much work connected with water purification:
  - (a) Bacteriologist, Jersey City Water Supply Co., 1908-1912.
  - (b) Raised capital to finance first company for sterilization of water with chlorine;
  - (c) Retained by many water companies and cities for water purification.
- 32. Epidemics: retained to investigate causes of many large out-breaks of epidemic diseases in cities and institutions.
- 33. Laboratories: for 45 years operated chemical and bacteriological laboratories and trained many laboratory workers.
- 34. Patents: 36 patents were taken out between 1918 and 1928 on processes for producing milk oil and refensituted milk. New applications are now being made on these same subjects and on the quality of dry skim milk produced by new process.

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Patents (CEN).
     Cocoa milk patent (Italian)
Patents (CEN).
     Cocoa milk patent (No. 1, 617, 721)
Patents (CEN).
   Listings
Patents (CEN).
     Milk holder - drawings (2nd design)
Patents (CEN).
     Miscellaneous data
Patents (CEN).
     Patent application - milk pasteurizing apparatus
Patents (CEN).
     Patent application - process for preserving orange juice
     (March 22, 1927)
Patents (CEN).
     Patent application - revolving patent holder
Patents (North - Phelps).
     Cleansing and sterilizing preparation
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Drawer 161

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Drawer 1-2
Patents.
Bottle
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Bottle fillers (1896-1902)

Patents.

Bottle fillers (1869-1896)

Patents.

Butter manufacture (Fairall)

Patents.

cleaning metal

Patents.

condensed milk

Patents.

cream cheese

Patents.

dehydration (Jones, Riley, Spross)

Patents.

disinfectants

Patents.

dried milk

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Drawer 1-3
Patents.
     dried skim milk (Campbell)
Patents.
     dry products, apparatus and method for producing (Beardslee)
Patents.
     drying apparatus and method (Golden State Co., Ltd.) (Peebles)
Patents.
   drying flavors
Patents.
     evaporated milk (1934-1935) (assembled by SJW)
Patents.
     evaporated milk (1931-1935) (assembled by SJW)
Patents.
     make or break emulsions
Patents.
    method of processing lacteal fluids (Lundal - Robichaux)
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antioxidant for fats and oils (Golumbia)

Patents, milk.

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Drawer 1-4
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Patents.

Milk machines

Patents.

Milk, soft curd

Patents, Milk Oil.

antimidation (process for refining and stabilizing fat-soluble vitamin-bearing materials) (Buxton)

Patents, Milk Oil.

Butter - manufacture

Patents.

Pasteurization (list compiled by APN) (1936)

Patents.

Pasteurization (1931)

Patents.

Pasteurization (1919-1925)

Patents.

Pasteurization (1911-1916)

Patents.

Pasteurization (1908-1911)

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Drawer 1-5
Patents.
     Pasteurisation (1905-1908)
Patents.
     Pasteurization (1898-1905)
Patents.
     Pasteurization (1889-1898)
Patents.
     Pasteurization (abstracts) (1900-1907)
Patents.
     Pasteurization (abstracts) (1887-1899)
Patents, pasteurization.
     process for pasteurizing and deodorizing liquids
Patents, pasteurization.
     timing method and apparatus (Barrett)
Patents.
     reconstituted milk
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Patents.

whipped cream (Hapgood patent)

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Drawer 1-6
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Patents.

(Joseph Willman)

Patents.

Vitamin D

Cooper, Kerr and Dunham.

Correspondence (1922)

Cooper, Kerr and Dunham.

Correspondence - re: Taxes and workings on foreign patents (Jan. 1933 - Nov. 1937)

Cooper, Kerr and Dunham.

Correspondence - re: Taxes and workings on foreign patents (Jan. 1929 - Dec. 1932)

Cooper, Kerr and Dunham.

Correspondence - re: Taxes and workings on foreign patents (Jan. 1923 - Dec. 1928)

Cooper, Kerr and Dunham.

Taxes and workings on foreign patents - receipted bills for Nov. 1923 - Nov. 1937

Cooper, Kerr and Dunham.

(Parker W. Page) correspondence re patents (1924-1925)

Cooper, Kerr and Dunham.

(Parker W. Page) correspondence re patents (1920-1923)

Cooper, Kerr and Dunham.

(Parker W. Page) Receipted bills and correspondence (1922-1925)

Fish, Richardson and Neave.

Correspondence re patents

Fish, Richardson and Neave.

Receipted bills

Seifert, John A.

Correspondence (patent attorney)

Seifert and Seifert.

Correspondence (1938-1953)

Seifert and Seifert.

application for patent on process and machinery for improving the quality of butter

Seifert and Seifert.

applications for patents - rough drafts and drawings

Seifert and Seifert.

Skim milk powder

#### Correspondence

Record of payments made by AWJ to Milk Oil Corp. from Oct. 1, 1922.

M.O. Vouchers.

Jan. - Dec. 1924

M.O. Vouchers.

Oct. 1922 - Dec. 1923

## Miscellaneous data.

CEN Milk Oil Patents (2 folders) (5/24/51) Patents - CEN (5/26/52) Booklet of U.S. Patents, CEN (1911-1932) Application of, process of making milk fat (CEN) 3209 Virgin Milk Oil, Application of (CEN) 3317 Correspondence - Seifert to CEN re: Canadian application no. 551,221 Specification (265896) Correspondence - Seifert to CEN dated Nov. 29, 1954 Specification (361922 - Case 3) Specification (126925) Correspondence - Seifert to CEN dated Nov. 29, 1954 re: Canadian Application No. 537,285 Correspondence - Seifert to CEN dated April 14, 1959 re: Argentine Patent No. 65,079 Correspondence - dated Oct. 18, 1926 re: North Norwegian Patent #37926 Proof of working - North Swedish Patent No. 54280 (Aug. 23, 1926) Republica Oriental Del Uruguay - CEN (Oct. 20, 1922) M.D. Licenses 1907 - 1927 - 1931 - 1932 - 1933 Thermometers - Certificates - Bur. Standards (1921-1931) Thermometer - Agreement (Aug. 21, 1926)

#### Drawer 3-1

### Patents Approved.

U. S. Serial No. 5172 (filed Jan. 27, 1925)
U. S. Patent No. 1,678,478 (dated July 24, 1928)

Process of churning cream into butter fat and apparatus therefor

U. S. Serial No. 5,173 (filed Jan. 27, 1925)
U. S. Patent No. 1,584,126 (dated May 11, 1926)

Process of emulsifying and converting fats into cream

Kity.

U. S. Serial No. 306,808 (filed June 26, 1919)
U. S. Patent No. 1,354,683 (dated Oct. 5, 1920)

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Argentina 17,766

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Australia 15,995

U. S. Patent No. 306,808 U. S. Patent No. 1,354,683

Belgium 287,960

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Manufacturing butter fat

Canada 204,035

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Manufacturing butter fat

Chile 4,285

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

(Rejected)

Butter fat

Denmark

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Butter fat

France 517,964

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Butter fat

Germany 20,509

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Butter fat

Great Britain 146,154

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Butter fat

Holland 8,785 (Folder No. 1)

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Holland 8,785 (Folder No. 2)

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Holland 8,785 (Folder No. 3)

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U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Butter fat

New Zealand 43,955

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Norway 37,925

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Sweden 53,865

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

Switzerland 92,967

#### Drawer 3-4

U. S. Serial No. 306,808 U. S. Patent No. 1,354,683

#### Uruguay

U. S. Serial No. 355,338 U. S. Patent No. 1,404,054

U. S. Serial No. 356,197 U. S. Patent No. 1,397,663

U. S. Serial No. 376,986 U. S. Patent No. 1,397,664

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Argentina 19,566

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Australia 6,385

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Belgium 303,822

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Brazil

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Canada 224,268

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Chile 5,021

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

(dropped Dec. 14, 1928)

Denmark 33,628

U. S. Serial No. 408,339 U. S. Patent No. 1,416,052

"North Original"

France 549,274

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Germany 398,907

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Great Britain 200,152

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Holland 12,863 (Folder No. 1)

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Holland 12,863 (Folder No. 2)

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

Holland 12,863 (Folder No. 3)

U. S. Serial No. 408,339 U. S. Patent No. 1,416,053

"North Original"

New Zealand 47,808 Norway 37,926

U. S. Serial No. 408,339 (filed Sept. 4, 1920)
U. S. Patent No. 1,416,053 (dated May 16, 1922)

"North Original"

U. S. Serial No. 433,612 (filed Dec. 28, 1920)
U. S. Patent No. 1,413,092 (dated April 18, 1922)

issued to AWJ - assignee of JCB

Seifert and Seifert (Australian Patent).

U. S. Serial No. 497,794 U. S. Patent No. 2,455,945

Argentina

Australia 140,562 Canada 460,033 Great Britain 654,632 Sweden 142,237

#### Seifert and Seifert.

U. S. Serial No. 497,794 U. S. Patent No. 2,455,945

Apparatus for breaking and making emulsions

U. S. Serial No. 563,686 U. S. Patent No. 982,013

Milk can

U. S. Serial No. 568,359 (filed June 14, 1922)
U. S. Patent No. 1,485,696 (dated March 4, 1922)

Extracting oil from milk and cream

U. S. Patent No. 1,485,697

Process of extracting oil from milk and cream

U. S. Serial No. 575,055 U. S. Patent No. 1,474,843

Process of making artificial milk

U. S. Serial No. 598,511 (filed Nov. 2, 1922)
U. S. Patent No. 1,509,082 (dated Sept. 16, 1924)

Imperishable butter

U. S. Serial No. 598,512 (filed Nov. 2, 1922)
U. S. Patent No. 1,509,083 (dated Sept. 16, 1924)

Imperishable milk

U. S. Serial No. 608,336 (filed Dec. 21, 1922)
U. S. Patent No. 1,509,084 (dated Sept. 16, 1924)

Process of churning cream

U. S. Serial No. 613,766 (filed Jan. 19, 1924)
U. S. Patent No. 1,509,085 (dated Sept. 16, 1924)

Process for whipping reconstructed cream

U. S. Serial No. 619,020 (filed Feb. 14, 1923)
U. S. Patent No. 1,494,698 (dated May 20, 1924)

Condensed Milk 011

U. S. Serial No. 621,909 (filed Feb. 28, 1923)
U. S. Patent No. 1,485,700 (dated March 4, 1924)

Extracting oil from milk

U. S. Serial No. 622,460 (filed March 2, 1923)
U. S. Patent No. 1,584,123 (dated May 11, 1926)

Extracting oil from milk

U. S. Serial No. 631,353 (filed April 11; 1923)
U. S. Patent No. 1,485,701 (dated March 4, 1924)

Process of extracting milk of:

U. S. Serial No. 642,262 (filed May 29, 1923)
U. S. Patent No. 1,485,702 (dated March 4, 1924)

Continuous process of extracting oil from milk

U. S. Serial No. 657,823 (filed Aug. 16, 1923)
U. S. Patent No. 1,494,439 (dated May 20, 1924)

Process of making reconstructed milk or cream

Whitmer, Thomas C.

U. S. Serial No. 681,756 (filed July 6, 1946) U. S. Patent No. 2,540,830

Process of treating milk oil

U. S. Serial No. 693,335 (filed Feb. 16, 1924)
U. S. Patent No. 1,525,251 (dated Feb. 3, 1925)

Process of emulsifying milk fat

U. S. Serial No. 693,772 (filed Feb. 19, 1924)
U. S. Patent No. 1,584,124 (dated May 14, 1926)

Process of obtaining oil and casein from cream

U. S. Serial No. 694,015 (filed Feb. 20, 1924)
U. S. Patent No. 1,678,476 (dated July 24, 1924)

Producing agglomerated cream

#### Whitner, Thomas C.

U. S. Serial No. 698,405 U. S. Patent No. 2,485,308

treatment of butter fat (Rancid)

#### Seifert and Seifert.

U. S. Serial No. 699,520 U. S. Patent No. 2,564,715

Process and apparatus for continuously making butter from fluid cream.

### Whitner, Thomas C.

U. S. Serial No. 702,113 U. S. Patent No. 2,550,288

Clarifying butter fat

U. S. Serial No. 702,568 (filed March 28, 1924)
U. S. Patent No. 1,509,086 (dated Sept. 16, 1924)

Process of making butter from milk oil

U. S. Serial No. 702,569 (filed March 28, 1924)
U. S. Patent No. 1,509,087 (dated Sept. 16, 1924)

Process of making butter from milk oil

U. S. Serial No. 704,351 (filed April 5, 1924)
U. S. Patent No. 1,584,125 (dated May 11, 1926)

### Producing milk oil from sour cream

U. S. Serial No. 705,931 (filed April 11, 1924) U. S. Patent No. 1,509,088 (dated Sept. 16, 1924)

## Making butter from milk oil

U. S. Serial No. 708,570 (filed April 23, 1924)
U. S. Patent No. 1,530,511 (dated March 24, 1925)

### Process of making oleomargarine

U. S. Serial No. 716,597 (filed May 29, 1924)
U. S. Patent No. 1,534,539 (dated April 21, 1925)

#### Process of emulsifying milk oil

U. S. Serial No. 753,806 (filed Dec. 4, 1924)
U. S. Patent No. 1,678,477 (dated July 24, 1928)

Process for whipping or agitating cream

#### Seifert and Seifert.

U. S. Serial No. 782,811 U. S. Patent No. 2,521,398

Continuous butter working apparatus

Drawer h-1

Patents Disapproved.

Seifert and Seifert.

U. S. Serial No. 461,368 (filed Oct. 9, 1942) (abandoned)

Apparatus for and method of extracting butter fat from milk or cream.

Seifert and Seifert.

U. S. Serial No. 461,368

Argentina 59,513 Canada Great Britain Sweden

Seifert and Seifert.

U. S. Serial No. 484,351 (filed April 24, 1943) (abandoned)

Method of and apparatus for making reconstituted milk and cream and other milk products.

Seifert and Seifert.

U. S. Serial No. 484,351 (filed April 24, 1943) (abandoned)

Seifert and Seifert.

U. S. Serial No. 484,351 (filed April 24, 1943) (abandoned)

Seifert and Seifert.

U. S. Serial No. 487,903 (filed May 21, 1943) (abandoned)

Process to remove hydrophilic colloidal material, etc. for producing milk fat or butter fat oil.

U. S. Serial No. 598,510 (filed Nov. 2, 1922)
(case dropped)

Method of reproducing milk and cream

U. S. Serial No. 604,752 (filed Dec. 4, 1922)
(case dropped)

Process of producing milk oil

- U. S. Serial No. 599,575 (filed Nov. 7, 1922)
  (case dropped)
- U. S. Serial No. 613,767 (filed Jan. 19, 1923)

  (case dropped)

  Process of extracting milk fat

U. S. Serial No. 621,666 (filed Feb. 27, 1923)

(case dropped)

Agglomerated cream

U. S. Serial No. 639,217 (filed May 15, 1923)

(case dropped)

Process of obtaining milk fat

U. S. Serial No. 655,522 (filed Aug. 3, 1923)

(case dropped)

Obtaining milk fat from butter

Whitmer, Thomas C.

U. S. Serial No. 674,980 (filed June 7, 1946)

Marry January But British

Milk Powder

Seifert and Seifert.

U. S. Serial No. 687,907 (filed Aug. 2, 1946) (abandoned)

Continuous process and apparatus for emulsifying milk fat oil and making reconstituted cream

U. S. SSerial No. 693,771 (filed Feb. 19, 1924)

(case dropped)

Manufacture of butter

Drawer 5

Patents.

Miscellaneous data

#### Drawer 6-1

### A Miscellaneous correspondence.

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Alger, George W. Alcorn, Bakerell & Alcorn. Undulant fever case. Alden, Charles L. Alderney Dairy Col Newark, N.J. Grade A Milk. Alexander, David E. (Dr.). CEN illness. Alford Lake Jersey Farms. Allen, William H. (Institute for Public Service)
Amtorg Trading Corporation. Conversion of butter to butter oil. Areson, William H. (Dr.). Montolair vs. Borden Co. Arlington Chemical Co. Armour and Co. Chicago, Illinois Armstrong, P.R. Farm sterilizer, Arnold, A.H. & Co. Milk products equipment. Arnold, Lloyd. (Dr.). University Spulintroffik Colidge officiate. University wilk lighting. Ashton, Leslie O. (Dr.). Role of milk in infants' diet. Association for Improving the Condition of the Poor. Atkinson, Miles (Br.). Atlantis Press. Boston, Mass. Auto-Ordinance Corporation. Greenwich, Conn. Ayerst, Mc Kenna & Harrison, Ltd. Ayrshire Breeder's Association. Brandon, Vt.

#### AIV Corporation.

Correspondence (L.J. Chapman) (1933-1942)

Use of Virtenan Process in conserving quality roughage crops; its effect on the dairy industry.

#### AIV Corporation.

Miscellaneous (1932-1936)

#### Adohr Milk Farms.

Correspondence (1930-1940)

Production and sale of milk.

Drawer 6-2

Aquirre Corporation of New York.

Correspondence (1942-1949)

Aquirre Corporation interest in using North's powdered milk process in Puerto Rico to produce fluid milk.

Air Reduction Co., Inc.

Correspondence (1950-1953)

CEN, as President of North Milk Products Inc. inquires about the process for removing air from milk oil.

Akron, Chio; Albany, N.Y.; Alberta, Ganada; Atlanta, Ga.

Correspondence (1922-1936)

Letters refer to enclosed copies of Dairymen's Act and Milk and Cream Code.

Alsberg, Carl L. (Dr.).

Correspondence (1920-1938)

Process for extracting butterfat or butter oil.

Alvarex, Walter C. (Dr.).

Correspondence (1935-1952)

North's efforts to establish Grade A Milk and the effects of bacteria in milk.

American Ammone Co.

Correspondence (1914)

Testing of powders used in washing milk bottles.

Drawer 6-3

American Assn. Creamery Butter Manufacturers.

Correspondence (1915-1924)

The National Commission of Milk Standards and its Authority.

American Assn. for Advancement of Science.

Miscellaneous (1942-1949)

CEN's efforts in establishing Grade A Milk.

American Assn. of Medical Milk Commissioners, Inc.

Miscellaneous (1912-1933)

Information on meeting of The American Association of Medical Milk Commission.

American Can Co.

Correspondence (1934-1954)

Includes contracts. Milk containers and packaging of milk.

American Dairy Science Assn.

Correspondence (1924-1948)

CEN read paper: "Pure Milk Fat as an Article of Commerce".

American Dry Milk Institute, Inc.

Correspondence (1932-1951)

Vitamin D; Bried Whey; Dehydrated Milk Products.

American Institute of City of New York.

Correspondence (1935)

Machinery Exhibit.

American Medical Assn. Council on Foods and Nutrition. Label Ice Cream.

Correspondence (1949-1950)

Abbotts Dairies.

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American Medical Assn.

Correspondence (1913-1953)

Miscellaneous data.

American Public Health Assn.

Correspondence (1932-1945)

CEN proposes Public Health Exposition to be held in New York City; CEN submits paper: "Milk Wart.

American Public Health Assn.

Correspondence (1925-1936)

CEN is asked to write Frances Perkins, Secretary of Labor, or Mr. Henry Moggenthau, Jr., or President Roosevelt about budgetary cuts.

American Public Health Assn.

Correspondence (1920-1923)

CEN to read paper, "Establishment of a Standard Time and Temperature for Pasterwisation of Milk."

American Public Health Assn.

Correspondence (1916-1919)

CEN elected to committee on control of milk; CEN reports on Hearst papers misrepresentation on sanitation conditions of milk in effort to discredit Governor Alfred Smith. CEN to give paper: "The Importance of Dairy Industry for a Nation at Wart" CEN; "Milk Industry and Wart"

American Public Health Assn.

Standard methods. (1910-1911)

American Seal-Kap Corp.

Correspondence (1934-1937)

Agreement on manufacturing of bottle caps for Grade A Milk.

Ames, Charles W.

Correspondence (1919)

(West Publishing Co.) CEN- Dried Milk Tests.

Anderson, John F.

Correspondence (1926-1942)

E.R. Squibb and Sons. CEN as Chairman of Committee on Longevity of the Medical Class of 1900, Columbia University; conducted tests on class for both hormone and vitamin deficiencies.

Angel International Corp. Sealed Containers Corp.

SemiraciodatadeMayCo, 1930.

Ansbacher, Jacob.

Correspondence (1937-1938)

Contract on stablized yeasted milk.

Applied Research Laboratories, Inc.

Correspondence (1938-1941)

Testing milk with ozones for the production of Vitamin D.

Arms, B.L.

Correspondence (1935-1938)

Cooperative Health Union-Clean Milk-Grade A.

Australia.

Correspondence (1938)

City of Adelaide has low infant mortality rate, but Grade A Milk optional.

Ayer, N.W. and Sons, Inc.

Correspondence (1936)

Dafoe Program Radio talk on Milk Industry.

B Miscellaneous correspondence.

Babcock & Wilcox Co. Advertising.
Babson Institute. Electropure process.
Bakivin, Harry (Dr.). Evaporated Milk.
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Baltimore Dairy Co.

Budd, Wm. H.

Correspondence (1935-1936)

CEN privately approves of process for in-bottle pasteurisation.

Burke, A.D. (Milk Dealer & Ice Cream Review)

Baltimore, Maryland.

Correspondence (1927-1936)

CEN- Abbotts Dairies.

Barclay, Parsons, and Klapp.

Correspondence (1918-1919)

CEN- Tests on solubility of Milk Powder.

Barry- Wehmiller Machinery Co.

Correspondence (1912-1924)

Use of Baper caps.

Battle, Vandiver, Levy and Van Time.

Correspondence (1923)

Milk oil patents.

Beatrice Foods Co.

Correspondence (1930-1947)

Dehydrated Milk Products; Pasteurized Milk.

Beaver, J.J.

Correspondence (1927-1930)

Test on metal called "Enduro".

Birmingham, Ala. Jefferson County. Board of Health.

Correspondence (1921-1936)

Milk ordinance issue.

Bishop, Howard B.

Correspondence (1943-1951)

Chairman of Committee on Longevity. Poughkeepsie Pilot Plant.

Blagden, Thomas.

Correspondence (1947-1953)

North Milk Products Inc.

Bloomfield Tool Corp.

Correspondence (1947-1948)

Continuous Churning machine.

Blue Valley Creamery Co.

Correspondence (1912-1935)

Moisture Milk Sugar, Milk Fat.

Bond, Schoeneck and King.

Correspondence (1940)

Case of the Guernsey Breeders Association against the U.S. Dept. of Agriculture.

Boston, Mass.

Correspondence (1916-1937)

New England Milk and Dairy Farm Exposition.

Bourne, T.F., Esquire.

Correspondence (1925-1935)

Patents.

Bowman Dairy Co.

Correspondence (1914-1948)

Milk standards. Grade A

Branck, Robert P.

Correspondence (1950-1952)

North Hilk Inc.: Patent; Stocks.

Breed, Robert S.

Correspondence (1935-1939)

Dairy industry.

Bristol Co.

Correspondence (1928-1936)

Electric Control. Milk Pump.

Brodek, Charles, A., Esquire.

Correspondence (1938-1947)

(Abbotts Dairies, New York.)

Brooks, Smith and French, Inc.

Correspondence (1935-1936)

Radio Material.

Brown, Bill.

Miscellaneous (1936-1937)

Physical training.

Brown, J. Howard.

Correspondence (1935-1945)

Testing milk for bacterial spores.

Bryant Bros. Poultry, Ltd.

Correspondence (1948-1949)

Plans to install drying plant in Australia.

Buckley, Samuel and Co.

Correspondence (1917-1925)

Milk business in New York.

Buckmell University.

Correspondence (1923-1929)

Milk regulations in Pennsylvania.

Burlingame, Hutchins and King.

Correspondence (1924)

Milk; farm management.

Burrell, B.H. and Co.

Blueprints. Pasteurisation. (1924-1925)

Burrell, D.H. and Co.

Correspondence (1926-1928)

Pasteurization.

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Correspondence (1924-1925)

Pasteurization.

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Correspondence (1923)

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Acidophilus; milk laws.

California. University of.

Correspondence (1919-1948)

Development of Pasteurigation.

Calwhey Co.

Correspondence (1935-1936)

Stablized and natural whey.

Canada. Commissioner of Patents.

Correspondence (1944-1951)

Canada. Dept. of Agriculture.

Correspondence (1915-1954)

Cardani, A., Inc.

Correspondence (1920-1950)

B. I. Masurovsky, dairy chemist. Milk oil; jdry skim powder.

Carnation Co.

Correspondence (1943)

Reconstitution of milk.

Carter Medicine Co.

Correspondence (1935)

Whey.

Carter Medicine Co. Report on cholagogues (Anna P. North.)
Includes bibliography. (1929-1935)

Case Maxwell.

Correspondence (1938-1939)

Includes report: "Grade A Milk".

Case, Maxwell.

Correspondence. (1921-1927)

Includes agreement. Maxwell Case Co. Involves \$2,000 unpaid debt to CEN for services rendered.

Castellano, Count Boni de.

Correspondence (1937)

Matzka process.

Cauffman, R.M.

Correspondence (1913-1915)

Pasteuriing apparatus.

Cement Products Co.

Correspondence (1916-1919)

Sept&c tanks.

Centrico, Inc.

Correspondence (1960)

Butter oil and plastic cream separators.

Certified Milk Products Assn.

Correspondence (1914-1935)

Includes report: "Has sanitation of certified milk any p practical value?" (6/6/33) Sanitation of certified milk.

Champion Milk Cooler Co.

Correspondence (1912-1922)

Includes agreement with CEN. Milk pails or milking hods.

Cherry, J. G. Co.

Correspondence (1915-1928)

Milk pails or milking hods; CEN, News Letter.

Cherry-Bassett, Inc.

Correspondence (1922-1931)

Milk pails.

Cherry-Burrell Corp.

Correspondence (1929-1951)

Milk pails; history of pasteurization.

Chember Dairy Supply Co.

Correspondence (1928-1936)

Barrel heater and flow-type holders; electropure process.

Chestnut Farms. Chevy Chase Dairy, Washingtonk D.C.

Correspondence (1936)

Testing of milk by the plate method.

Chicago, Illinois.

Correspondence (1910-1938)

Milk ordinances.

Chisholm, Hugh J. (Strathglass Farm)

Correspondence (1920-1940)

Milk tests; diphtheria epidemic.

Chisholm, Hugh J. (Strathglass Farm)

Reports (1915-1921)

Diptheria epidemic.

Chisholm, Hugh J. (Strathglass Farm)

Tabulations, diphharria epidemic. (1920)

Church, E.M.

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Grade A Butter; CEN's nursery butter.

Cincinnati, Ohio.

Correspondence (1927-1936)

Pasteurigation process.

City Dairy Col, Toronto, Canada.

Correspondence (1913-1932)

Unit cost system studies.

Cleveland, Ohio.

Correspondence (1936)

Ordinance regarding pasteurisation.

Cloverland Dairy Products Co., New Orleans, La.

Correspondence (1936)

History of pasteurization.

Coca, (Dr.) A.F.

Correspondence (1943-1951)

Virus research.

Coleman Lamp and Stove Co.

Correspondence (1938-1940)

Sterilizing equipment.

Columbus, Ohio.

Correspondence (1936)

Regulations dealing with pasteurisation.

Conaway, W.P. (Dr.).

Correspondence (1931-1944)

Of personal nature. Weekly dinners in N.Y.C. Annual trips to Florida.

Conn, H.W.

Correspondence (1915-1949)

Miscellaneous data re: his work.

Conn, H.W.

Bacteriological tests, No. 1. (1909-1915)

Conn, H, W.

Bacteriological tests, No. 2. (1914-1915)

Connecticut. State of.

Correspondence (1915-1955)

Milk.

Connecticut Dairymen's Assn.

Correspondence (1915)

Connecticut. Storrs Agricultural Experiment Station.

Correspondence (1931)

Request for material on milk bacteriology. (Work of Professor H.W. Conn)

Consolidated Packaging Machinery Corp.

Correspondence (1937-1938)

Machinery for putting thermo-plastic caps on bottles.

Consumers and Producers Poundation of America.

Correspondence (1926-1927)

Continental Paper and Bag Corp.

Correspondence (1936-1937)

Caps for milk bottles.

Copeland, Royal S. (Copeland Service; Ale Salttre, etc.)

Correspondence (1936-1937)

Includes reports. Senator Royal Copeland heads move for National Legislation to promote uniformity of milk standards.

Cornell University.

Correspondence (1919-1935)

Coschocton, Ohio.

Correspondence (1936)

Intestinal diseases caused by B. Welchii.

Crescent Pure Milk Co., Ltd., Winnipeg, Canada.

Correspondence (1913-1921)

Milk industry.

Crawn Cork and Seal Co.

Correspondence (1935-1937)

Caps for process of sterilization of milk.

Culbert, W.L. (Dr1).

Correspondence (1932-1934)

Salt substitute and report on composition of clams and oysters.

Cusick, John F.

Correspondence (1927-1938)

Electropure process. Request for "Report of Investigation of Electropure Process", by CEN.

D Miscellaneous correspondence

Dadirrian, (Dr.) & Sons Co. Product for the change of intestinal flora.

Dairy Delivery Co. Labelling of Grade A Milk.

Dairy Engineering Co. Invitation for CEN to address
Dairy Technology Society. Declined.

Dairy Supply Co., Ltd. Invitation for CEN to speak on pasteurisation at a conference in England. Declined.

Dairy Supply Co., Ltd. Trip of president of the Milk Oil Corp. to London.

Dairy World. Article and chart appearing in the publication. Danzer Metal Works Co. Can sterilizers.

Davidson, Leonard T. (Dr.). Milk in infants' diet.

Dean, Donald. Indiana Manufacturers of Dairy Products. Ret: Application of Authur V. Semmill as secretary.

De Grovt, L. P. Employment with Abbotts Dairies.

Delaware, State Board of Health. Request for information on laws on pasteurization.

Demeter, Karl J. (Germany) Request for paper standards of milk pasteurization.

Dennett, Roger H. (Dr.). Milk in infants diet.

Detner Associates. Subscription to Clinical Abstracts.

Diepress Co. Samples of milk bottle caps.

Diffenback, George (Lt.). Compliments to CEN on articles written for Milk Dealer.

Dirlam, Kenneth. Answers to queries about milk and pasteeurization.

Dixon, Hewett S. Sterilization of milk.

Dochtermann Fireproof Storage Warehouses. Storage of CEN's property.

Dooley, L.R., Inc. "Dulche de leche", product imported from Argentina.

Drew, E.F. & Co., Inc. Vitamin D concentrate DREW-D. Driggs, H. (Driggs Dairy Ferms, Inc.) Milk pails.

Dry Milk Co. Lacto-Dextrin-carbohydrate food for changing the intestinal flora.

Duke University. (Wilburt C. Davison, Dean, School of Med Medicine) Discussion of milk pasteurization.

Duluth, Minnesota. Health Officer. Request for copy of milk laws.

Dafoe, A.R. (Dr.).

Correspondence (1936-1937)

Possible participation in program sponsored by the dairy industry.

Dairy and Ice Cream Machinery and Supplies Association, Inc.

Correspondence (1929-1948)

History of milk chocolate manufacture.

Drawer 7-11

Dairy Patents Co.

Correspondence (1936)

Miscellaneous matters.

Dairy Sealed, Inc.

Correspondence (1935-1948)

Business matters concerning North Milk &o.

Dairymen's League Cooperative Assn.

Correspondence (1938-1952)

Dairymen's League Cooperative Assn. (Grade A Milk Ass.)

Correspondence (1938-1940)

CEN's Films; also CEN points out effects of Federal Food, Drug, and Cosmetic Act on milk and milk products.

Dairymen's League Cooperative Assn.

Correspondence (1936-1937)

Senator Copeland intirbduces Senate bill 2359; CEN comments on St. Louis Milk Ordinance; CEN comments on weakpness of U.S. Public Health Service, Standard Ordinance.

Dairymen's League Cooperative Assn.

Correspondence (1930-1935)

Milk laws.

Dairymen's League Cooperative Assn.

Correspondence (1924-1927)

Proposed milk code for Pennsylvania loose-dipped milk in New York City.

Dairymen's League Cooperative Assn.

Correspondence (1919-1923)

Dairymen's League Cooperative Assn.

Correspondence (1917-1921)

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Correspondence (1914-1917)

Dairymen's League Cooperative Assn.
Miscellaneous (1925-1927)

Dairymen's League Cooperative Assn.
Plate Counts (1925)

Dairymen's League Cooperative Assn.
Reports CEN (1922)

Dallas, Texas. Public Health Dept.

Correspondence (1936)

Laws regarding milk pasteurization.

D'Arcy Advertising Co.

Correspondence (1936-1937)

Milk publicity, national radio program for benefit of milk.

Davies, B. and Son, Ltd., London.

Correspondence (1912-1933)

Attitude of milk industry in London.

Davis, Arthur G. (Dr.).

Correspondence (1932-1933)

Marketing of irradiated milk in Detroit.

Davis Milk Machinery Co.

Correspondence (1913-1917)

Includes blueprints.

Davis, Robert C.

Correspondence (1919)

Milk industry in Fall River, Mass.

Davis-Watkins Dairymen's Mfg. Co.

Correspondence (1917-1923)

Dellwood Dairy Co.

Correspondence (1938-1947)

CEN- Grade A Milk Assn. and the threat of Grade A Milk being taken off the market.

Des Moines, Iowa

Correspondence (1936)

Pasteurization.

Detroit Creamery Company

Correspondence (1919-1932)

CEN advocates adoption of Grade A Milk business.

Detroit, Michigan. Dept. of Health.

Correspondence (1921-1936)

CEN proposed for health, safety, and welfare exposition. CEN advocates Grade A Milk standards for Detroit.

Detroit Milk Commission.

Correspondence (1917-1919)

Includes reports; origin; minutes.

Devonshire Dairies.

Correspondence (1935)

Detection of Mastitim; vitamin content of milk; Edward J.Pine.

District of Columbia, Health Dept.

Correspondence (1936-1952)

Sterilization of dairy utensils by steam. Regulations affecting sale of Grade A Milk.

Douthitt Engineering Co.

Correspondence (1925-1932)

Sterilizing equipment.

Drain, H.D.

Correspondence (1922-1926)

Improvement of milk supply in Ohio; contract between Drain and CEN including Budd Dairy Co. to carry on research.

Drew, Charles M.

Correspondence (1939-1944)

Organization of company to exploit products resulting from dehydration of milk.

Duane, Morris and Heckscher.

Correspondence (1926-1927)

Pennsylvania Milk Ordinance.

E Miscellaneous correspondence

Eastman Kodak Co. Pictures of World's Fair. (1940)
Edge, Nelson J. Homogenizing machines.
Ekroth Laboratories Inc. Grade A Milk and attempt to keep
it on the market.

Electric Farm Equipment Co. Sterilizing equipment.

Emerson Drug Co. Dehydration of milk products including butter oil.

Erie, Pennsylvania. Health Officer. Milk laws.

Erie County Milk Assn. Pasteurization practices.

Evarts, Josephine, (Dr.). Agglutination tests for Bracella infection.

Ewell Farm. Milk oil.

East Greenwich Dairy Co.

Correspondence (1929-1932)

Rhode Island Milk Assn.

Eastern Dairy Equipment Co.

Correspondence (1941-1942)

Equipment for the manufacture of reconstituted milk.

Eastern States Dairy Assn.

Miscellaneous Bata. (1919)

Rosters of membership.

Eimer and Amend.

Correspondence (1923-1937)

Laboratory apparatus.

Elderkin, J. K.

Correspondence (1941-1945)

Use of ozone process; case involving Chemical Production Co.

Elderkin, J. K.

Miscellaneous data (1937-1943)

Includes agreement between CEN, Elderkin, Berger, and Good-enough Chemical Products Co. of New Jersey.

Elderkin, J. K.

Correspondence (1939-1941)

Use of ogone process process.

Emerson, Haven (Dr.).

Correspondence (19%1-19%)

BakkerPaarsbaldends.

Emerson, Haven (Dr.).

Correspondence (1944-1951)

Emerson, Haven (Dr.).

Correspondence (1941-1943)

Milk, Puerto Rico.

Emerson, Haven (Dr.).

Correspondence (1914-1917)

Bacterial standards.

Emlen, and Co.

Correspondence (1930)

Englebert International Inc.

Correspondence (1942-1944)

Includes reports: CEN process for reconstituted milk proposed for Latin America.

Evans, W.A. (Dr.).

Correspondence (1935-1938)

Evans, W.A. (Dr.).

Correspondence (1913-1929)

Milk standards.

Evansville, Indiana.

Correspondence (1923)

Evansville Pure Milk Co.

Correspondence (1923-1928)

Pasteurization.

Everett, Roberts.

Correspondence (1961)

Dairy Industries Supply Assn., Inc.

Ewing, Oscar and Sons, Inc.

Correspondence (1936)

Ewings, D.H. Sons, Inc.

Correspondence (1914-1922)

Exposition of Women's Arts and Industries (12th Annual).

Correspondence (1933)

Includes miscellaneous data and reports.

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Farm Service Force (YWCA). Recommendation for Catharine Faragher for position of camp director.

Farmer's Dairy Co., Ltd. (R.D. Hughes). Surveys of cost of milk handling and delivery.

Fareman, D.H. (Dr.). Process for extracting fat from milk. Federal Telephone and Radio Corp. Application of Megatherson electronic heating equipment to dehydration of whole and skimmed milk.

Fink, J. William (Dr.). Grade A Milk.

Florida, State of. Milk Inspection Division. Laws on pasteurizetribasticail milk in Elbri Elevida.

Flynn Dairy Co. General information as to history and operations.

Food Field Reporter.

Ford, Henry. Request by CEN to make demonstration of dried milk process.

Forman, George M.

Fortune. Article on Abbotts Dairies.

#### Food Engineering.

Correspondence (1929-1954)

Ford, J. B. Co.

Correspondence (1914-1929)

Bottle washing machines and problem of sterilization.

Drawer 8-7

Foremost Dairies, Inc.

Correspondence (1936-1958)

Bottle sterilization.

Foshay, Lee (Dr.).

Correspondence (1936-1941)

Tubercular infection. Miss Wrightcase.

Foster, Mann, Place and Co.

Correspondence (1926-1927)

Cooperative Milk Dealers of Montreal vs. Montreal Star.

Fox, Michael A.

Correspondence (1940)

Includes agreement with CEN and others. Paper cup patent, serial no. 264,682 extended through option agreement to CEN and others.

Franco-American Ferment Col

Correspondence (1912-1917)

Includes agreement with CEN. CEN to act as agent for Franco-American Ferment Co. for the purpose of interesting some buyer in purchasing its business. (Selling of cultures of lactic acid).

Freeman, Rowland G. (Dr.).

Correspondance (1934-1935)

Proposal to abolish the grading of milk in New York City.

French-Bauer, Inc.

Correspondence (1913-1936)

History of pasteurisation.

# G Miscellaneous correspondence

Gaul, L. Edward (Dr.). Requesting information on stainless steel equipment.

Gemmill, Arthur A. Requesting letter of recommendation from CEN.

General American Transportation Corp. Request catalogue on Conley evaporators.

General Electric X-Ray Corp. Ultraviolet lamps.

General Foods. CEN request information; use of ultravioletarys in milk.

General Mills Inc. Dehydration of butter (U.S. Patent).
Georgia Legislation. State laws on pasteurization of milk.
Gerontological Society, Inc. CEN invited to join; enclosed
material on sims and function of organization.

Gilbert, S.C., Ltd. CEN milk products.

Girton Manufacturing. Refers to latest catalog and price list.

Glyco Products Co., Inc. Order Resen DA2.

Goodyear Tire & Rubber Co., Inc. Pliofilm.

Golden Guernsey, Inc. Growing competition of Golden Guernsey milk in production and sale of Grade A Milk.

Grand Rapids, Mich. Pasteurization laws.

Guernsey Milk Producer's Corp. Copy of inspection sheet.

Cwinn, Ralph W. House of repersentatives. Report from OPA: article by Fredrick A Hayek.

Gwinn, Ralph W. CEN. Dehydrated products.

Drawer 8-9

Gardiner, ASA B.

Correspondence (1914-1935)

Dairy engineering concern; business proposition involving CEN's services as consultant.

General Ice Cream Co.

Correspondence (1930-1944)

Includes report by CEN; "Tabulation of Results-Greamery Package Precision Heater-Flash Type" Aug. -Sept. 1930.

Glass Container Assn.

Correspondence and Membership list. (1923-1937)

Golden State Co., Ltd.

Correspondence (1923-1948)

CEN letters discussing Copeland Bill.

Goldzieher, Max A.

Correspondence (1941-1950)

CEN asked to extend work of class of 1900 longevity committee.

Greater New York and New Jersey Milk Institute.

Correspondence (1935)

CEN discusses attempt to abolish Grade A Milk standards.

Greene, Howard T.

Correspondence (1933-1935)

Brook Hill Farm, Inc. CEN letters refer to recent correspondence with President Franklin Roosevelt about milk standards.

Gregg Case

(1914)

U.S. Vs. Gregg. Milk purafication.

Greiner, Emil Co.

Correspondence (1924-1938)

Includes reports.

Gridley Dairy Co.

correspondence (1914-1936)

History of Pasteurization in Milwaukee.

Griffin, J.W.

Correspondence and miscellaneous data (1913-1946)

CEN; Pollution and the control of water supply.

Grim, George W.

Correspondence (1936-1946)

Milk Control District No.1, Ardmore, Pa. CEN as consulting sanitarian for Abbotts Dairy.

Gruelle, Johnny.

Correspondence (1937)

Radio talks on milk by CEN. Dec. 6, 1934 to July 5, 1935.

Guaranteed Pure Milk Co., Ltd. Montreal, Que.

Correspondence (1930-1940)

Milk industry in Montreal, Canada.

## H Miscellaneous correspondence

Hass, Sidney V. (Dr.). Milk in infants' diet.

Halsey, Robert H. (Dr.). Progress of CEN's health.

Hamilton Copper and Brass Works, Inc. Sterilizing equipment.

Hamilton Pure Milk Dairies, Ltd. Disruption of general activities in plant.

Hartshorn, W. Morgan. Use of evaporated milk.

Havers, E. (Universal Manufacturers, Inc.).

Hawkins, Herbert B.

Hearst, Mrs. William Randolph. Request for aid in getting National Pure Milk Law enacted.

Heirs Research Bureau.

Helmholz, H.F. (Dr.). Invitation to be present at demonstration of pasteurization process.

Henderson, H.B. Work done with Belgian farmers.

Herz, A. (Dr.). Mherican Metal Co., Ltd. Manufacture of milk powder.

Higgins, Mrs. R.A. League of Women Voters and milk legislation.

Hill, Miner C. (Dr.). Milk in infants' diet.

Hobert Manufacturing Co. Machinery for manufacturing dehydrated products.

Hochschild, Walter. (American Metal Co., Ltd.)

Hodgins, William H. Coating for steel or iron which will substitute for glass.

Hones, Charles A.

Hoover, Herbert. Return of article on war milk.

Horn, Bavid W. (Dr.). Test for B Welchii in milk.

Houston, Texas. Pasteurising machines. Hunt, Henry T. Federal Emergency Administration. Prohibition of sale of all unpasteurised milk.

Haight, George I.

Correspondence (1933-1948)

Irradiated milk.

Hall, Selden H.

Correspondence (1948-1953)

Includes reports and drawings.

Hanovia Chemical Manufacturing Co.

Correspondence (1933-1937)

Equipment to produce ozone.

Hansen, A.E.

Correspondence (1916-1921)

Hydraulic engineering concern CEN acted as consultant.

Hansen's Laboratories, Inc.

Correspondence (1919-1950)

History of pasteurization.

Harriman, Mrs. J. Borden

Correspondence (1912-1915)

CEN enlists aid in New York Milk situation.

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Drawer 8-13
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Hartford, Conn.

Correspondence (1925-1937)

Ordinance dealing with pasteurized milk.

Hatch, F.H. and Co.

Correspondence (1928-1937)

Bottling milk in paper cartons; other business plans.

Henderson, Charles

Correspondence (1942-1951)

Milk oil corporation goes out of business.

Henderson, Charles.

Correspondence (1938-1943)

Wesleyan University Milk Oil corporation and milk oil patents.

Hersey, Milton L. Co., Ltd.

Correspondence (1915-1917)

Various matters including connection between milk and infantile paralysis.

paralysis

Hess, Alfred (Dr.).

Correspondence (1925-1933)

Irradiated milk.

Drawer 8-14

Higgin Medal for Improvement of American Dairy Products.

· (1958)

CEN requested to supply information on history of medal.

Hill, Halbert P.

Correspondence (1931)

Electrical pasteurization.

Hiscock, Ira V.

Correspondence (1921-1924)

Hourd's Dairyman.

Correspondence (1916-1924)

CEN "Milk pail".

Hoffman, La Roche, Inc.

Correspondence (1945-1951)

Roche-Organon, Inc.

Hoffman, Wilhelm.

Correspondence (1928-1937)

Irradiated milk.

Hofman, Emil (Dr.).

Correspondence (1927-1938)

#### Drawer 9-1

Holt Manufacturing Chmpany

Correspondence (1923)

CEN plans for Milk Survey in Peoria, Illinois with the view of recommending a new Milk Ordinance.

Homewood Dairy Products Co., Inc.

Correspondence (1933)

CEN, issue of Grade A Milk in Burkingham, Alabama.

Hood, Gilbert H.

Correspondence (1959)

CEN discusses plans for book dealing with the progress madein in the Milk industry.

Horton, Dan S.

Correspondence (1931-1936)

Summary of Holding Method of Pasteurization.

Hoytonj.JM M., Ice Cream Company

Correspondence (1918-1920)

Use of Grade A Milk in making ice cream.

Hoyt, J. Mitchell

Correspondence (1927)

Fruit juice peservation.

Hudson and Manhattan Railroad Company

Correspondence (1912)

Purification of water.

Hurley, P.

Chemical Tests (1922)

Data

Hurty, J. N.

Correspondence (1922-1923)

Milk laws in Indiana.

I Miscellaneous correspondence

CEN interested in milk industry in Latin America.

Idaho. State of. Dept. of Public Welfare. Re: state law pertaining to pasteurization of milk.

Iowa. State of. Dept. of Agriculture. RE: Dairy law of state.

Ice Cream Trade Journal

Correspondence (1920-1928)

Request for copy of address to be delivered by CEN to Ohio Association of Ice Cream Manufacturers.

Illinois.

Correspondence (1936)

Milk Pasteurization on laws in Illinois.

Illinois. University of. College of Agriculture.

Correspondence (1919-1926)

Committee on Control of Milk and Dairy Products.

Illinois. University of. College of Medicine.

Correspondence (1927)

Indiana. State Board of Health

Correspondence (1920-1936)

CEN discussed work of the National Commission on Milk Standards.

Indiana, State Board of Health

Correspondence (1917-1919)

CEN, National Commission of Milk Standards.

Indiana. State Board of Health

Correspondence (1913-1917)

CEN, National Commission on Milk Standards.

Indianapolis, Indiana

Correspondence (1936)

Survey of Milk Laws in Indianapolis.

Instant Drying Corporation

Correspondence (1943-1954)

Drying of skim milk.

Instant Drying Corporation

Contract (1943-1954)

North Milk Industries Inc.

Instant Drying Corporation

Proposed contract, notes by William Marston Seabury. (1943)

Includes estimates on monthly budget of North Milk Industries, Inc.

International Association of Dairy and Milk Inspectors.

Correspondence (1916-1919)

CEN makes arrangements for Conference of International A Association of Dairy and Milk Inspectors.

International Association of Milk Dealers.

Membership lists and correspondence (1919-1934)

International Basic Economy Corporation

Correspondence (1947)

CEN, letters to Nelson Rockefeller about possible milk process for South America and Far East.

International Health Board.

Correspondence (1922)

I.H.B. invited to participate in Public Health Exposition: CEN interested in development of milk pasteurisation plants in Brazil.

#### Drawer 9-5

International Milk Dealers Association

Correspondence (1911-1918)

CEN meets opposition to his questionaire on the milk business.

International Milk Bealers Association

Miscellaneous Data (1912-1917)

Interstate Milk Producer's Cooperative

Correspondence (1938-1952)

CEN development of Grade A Milk Standards.

Interstate Milk Producer's Association

Correspondence (1936-1937)

CEN, letters concern Copeland Senate Bill 2359.

Interstate Milk Producer's Association

Correspondence (1919-1921)

Cites booklet, "Safeguarding Nature's Most Valuable Food-Milk", by CEN.

Iowa State College

Correspondence (1922-1952)

Irradiated Milk

Letters from Medical Doctors. (1934)

CEN form letter sent to hospitals in NYC concerning use of irradiated milk; also list of hospitals.

# J Miscellaneous correspondence

Jadwin, Stanley P. Extraction of caffeine from the coffee bean.

Janssen Dairy Corporation. Re: incorporation of Grade A Milk Association. Invitation to send representatives to attend meeting.

Jersey Farm Dairy Company. Raw milk.

Johnston, John F. Health Dept., Newport, R.I. Request for picture of CEN for office.

Jordan, William H. (Dr.). Milk in infants' diet.

Josephson, Emanuel. Milk legislation of New York City.

June Dairy Products, Inc. Processes and machinery for dehydrating pure milk fat; offer of demonstration.

## Jacksonville, Florida.

Correspondence (1936)

Development of pasteurization laws.

## Jadwin, Stanley B.

Correspondence (1916-1920)

Coffee research, caffeine.

## Jalco Motor Company

Correspondence (1934)

Can washer.

#### Jamestown, N.Y.

Correspondence (1918+1925)

CEN, letters on Proposed Municipal Milk Plant.

Jamestown, N.Y.

General Data (1918-1922)

CEN, letters on proposed Municipal Milk Plant.

Jamestown, N.Y.

Municipal Milk Plant. (1915-1950)

Jamestown, N.Y.

Plans for Milk Clant, CEN. (1917-1918)

Janssen Dairy Company.

Report on bacteriological milk test. (1919-1922)

Japan.

Correspondence (1924-1947)

CEN interest in milk supply for civilian population of Japan; also Proposed to Mitsui and Company, Ltd., by CEN.

Jenkins, W.O.

Correspondence (1937-1940)

Protecting Grade A Milk Business in N.Y.C.

Jennings, Irwin G.

Correspondence (1941-1953)

North Milk Company and Beconstituted Milk patents. CEN, demonstration of milk process; also interest in milk supply in Japan and South America; and also protecting Grade A Milk in New York City.

Drawer 9-8

Jennings, Irwin G.

Article: "The Story of Homer and Grade A Milk". (11/1/41) Story of CEN's work at Homer.

Jensen Creamery Machinery Company

Correspondence (1936)

CEN requests catalog.

Jersey City, N.J.

Correspondence (1909-1920)

Includes reports; "Rotten Eggs Case".

Jersey City Milk Ordinance

Correspondence (1912-1932)

CEN assists in drawing up provisions of Jersey City Milk Ordinance.

Johnston, Linet W.

Correspondence (1909-1950)

Some CEN letters concern Committee on Longevity of My Class 1 of 1900.

Johnston, Lyle T.

Correspondence (1909-1933)

Article, "The New York Milk Committee". What it is and what it hopes to do." (June, 1909).

Joint Committee on Health Problems in Education

Miscellaneous Data. (1941-1961)

Several articles on the class of 1900 Committee on Longevity.

Jolliffe, Norman (Dr.).

Correspondence (1949)

Cholesterol.

Jones, Homer

Correspondence (1914-1951)

Orade A Milk.

#### Drawer 10-1

### K Miscellaneous correspondence

Kappeyne, Isobel R. (Mrs.). Letter to Mayor La Guardia on milk situation in New York City.

Kelvinator Sales Corp. Request for conference.

Kerley, Charles S. (Dr.). Milk in infants' diets
Keystone Varnish Co. Coating for protection of tanks for
milk storage.

Kiefer, Felix. Process for preventing oxidation and improving the flavor of oxidized fat.

Kies, W.S. Milk containers; irradiated milk.

Kimmel, Roy I. Conversion of butter to butter oil for shipment overseas.

King, George C. Mink in infants' diet.

Kirk, James S. Soap powder comparative tests.

Kohn, Jerome L. Milk in infants' diet.

Kooyumjion, Y.H. His being hired by CEN to do chemical research.

Kress, S. H. Undulant fever.

Kristoferson's Dairy. History of pasteurization in Seattle, Washington.

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Kugelmass, I. Newton. Milk in infant's diet.

#### Kansas City, Kansas.

Correspondence (1936)

Milk ordinance.

#### Karnopp, Charles.

Correspondence (1938-1940)

CEN stocks.

#### Kastner, E.A., Company

Correspondence (1928-1936)

CEN interest in valveless mechanism to force milk out of the holding tank by compressed air,

Keim, George De B.

Correspondence (1938-1943)

CEN interest in Puerto Rico.

Keith, H.J. Company

Correspondence (1909-1911)

CEN, egg analysis.

Kellogg Company

Correspondence (1942-1952)

CEN's interest in Latin America.

Kellogg, M.W. Company

Correspondence (1949)

Cost of producing dehydrated malk products.

Kendall, A.I.

Correspondence (1935-1939)

CEN, opposes move to change New York City Milk laws.

Kopeloff, Nicholos.

Correspondence (1936)

Value of acedophilus and milk sugar in controlling intestinal floera. Lewis, J. M. (Dr.).

Correspondence (1933-1934)

Irradiated milk.

Lincoln, F.W.

Correspondence (1947-1954)

North Milk Industries Inc. North Products Inc.

Linde Air Products Company

Correspondence (1950-1951)

Nitrogen process.

Liverpool, England (J.M. Beattie)

Correspondence (1915)

Loew Manufacturing Company

Correspondence (1913-1918)

Bottle caps.

Loew Manufacturing Company

Tests on pasteurizer, CEN. (1913-1915)

Los Angeles, California. Dept. of Health.

Correspondence (1927-1937)

Laws regulating the inspection and control of milk.

Louisians, Dept. of Health.

Correspondence (1925-1936)

Pasteurization.

Louisville, Kentucky. Dept. of Public Health.

Correspondence (1934-1936)

History of pasteurisation in Louisville.

## Mc Miscellaneous correspondence

Mc Clure, Frederick C. Application for a position.

Mc Intosh, Rustin. Milk in infants' diet.

Mc Lane, Thomas S. Milk supply of New York City.

Mc Lester, James S. (Dr.). Council on Foods and Nutrition.

#### Mc Callum, E.V.

Correspondence (1916-1945)

CEN letters discussing Committee on Longevity, Class of 1900 and the Commission on Milk Standards.

### Mc Pherson, Pasteurizer Company

Correspondence (1915-1916)

#### M Miscellaneous correspondence

Macdonald College. Mikk marketing system in Ottawa. Macmillon Company. Book on Grade A Milk.

Marcussen, William H. Thank you note for reprint sent by CEN.

Martin, Alexander T. (Dr.). Milk in infants' diet.

Maryland, State of. Laws pertaining to pasteurigation.

Mason, Howard H. (Dr.). Milk in infants' diet.

Mathes, J. M., Inc. Advertising of milk industry.

Maxim Chemical Co. Washing powders.

Mayer, Gertrude S. CEN's office as mailing address.

Medical Times. Article by CEN, "Has Sanitation of Certified Milk and Practical Value"?

Melvern Dairies, Inc. Steam sterilizers.
Metropolitan Milk Co. Alkali solution used in washing bottles.

Milk Plant Monthly. Mention of CEN's work.

Minnesota, State of. Division of Sanitation. Laws pertaining to pasteurization.

Missouri. State of. State Board of Health. Laws pertaining to pasteurigation.

Mitchell, Adelaide 8. Orade A milk in Detroit.

Mitchell Dairy Co. Standard cap for Grade A and certified milk.

Mix, Ira J. Dairy, Milk in Chicago.

Montana Livestock Sanitary Board. State laws governing pasteurization of milk.

Morgenthaw, Henry, Jr. Dehydration of milk in milk products.

#### Mailing lists

(1932-1948) Lists of those invited to demonstration of Production of Reconstituted milk, October 13, 1942, and demonstration of Reconstituted Milk on December 1, 1942.

Maine Dairymen's Association.

Correspondence (1923)

CEN gives address, "Premiums for Clean Milk" to the Maine Dairymen's Conference; used landern slides to illustrate p8 pictures.

Manhattan Engineering Company

Correspondence (1937-1940)

CEN orders machine parts.

Manor Farm Dairy, Ltd.

Correspondence (1913-1925)

CEN discontinues Monthly Milk Letters.

Margus, A. N. Company.

Correspondence (1937-1950)

Who's Who in America and Who's Who in the East.

Marwyn Dairy Products Corporation.

Correspondence (1944)

Contracts specifying the use of CEN's process for making milk oil and butter oil.

Massachusetts. Dept. of Agriculture.

Correspondence (1918-1922)

New England Milk and Dairy Farm Exposition.

Massachusetts. Dept. of Public Health.

Correspondence (1917-1937)

Milk Control Committee of the Food and Drug Division of the American Public Health Association.

Mathews, Frederick C., Company.

Correspondence (1925-1926)

Refers to Bulletin 147 of the U.S. Public Health Service.

Mathieson Chemical Corporation.

Correspondence (1932-1951)

Includes report by CEN "Report on Matzka Process for treating fruit juices", December 29, 1926.

Matska Corporation.

Correspondence (1926-1937)

Matska process

Tests by Ontario Research Foundation. (1936-1937)

Mead Johnson and Company.

Correspondence (1934-1952)

Committee on Longevity, Class of 1900.

Medical Milk Association of Metropolitan New York, Inc.

Correspondence (1940)

Milk laws New York City.

Medical Society of the County of New York.

Correspondence (1939-1954)

Concerns yearly dues and other contributions.

Memphis, Tennessee.

Correspondence (1936)

Laws regulating the pasteurization of milk.

### Merchant's Association

Correspondence (1916)

CEN's interest in a sterilization process for the water of the upper Hudson, N.Y.

### Merchand Company

Correspondence (1918-1951)

Value of pasteurization in the distruction of viruses and and bacteria in milk.

## Merrell-Soule Company

Correspondence (1914-1952)

CEN performs cream tests; CEN tries to interest Merrell-Soule Company in proposed City Dairy Company for New York City.

Metropolitan Certified Milk Producers, Inc.

Miscellaneous data. (1934-1939)

List of papers delivered at meetings of the above organization.

Metropolitan life Insurance Company

Correspondence (1918-1927)

Milk.

Meyer, George Jl, Manufacturing Company

Correspondence (1922-1926)

Dr. Royal S. Copeland, Health Commissioner, New York City visits Homer, New York.

Meyer, George J., Manufacturing Company.

Correspondence (1926)

Blueprints.

Michigan Agricultural College.

Correspondence (1919-1920)

Michigan, Dept. of Agriculture.

Correspondence (1936)

State law on pasteurization of milk.

Midland Counties Dairy, Ltd.

Correspondence (1954-1960)

Midland Counties Dairy, Ltd.

Correspondence (1919-1936)

Development of pasteurization.

Milbank, A. G.

Correspondence (1934-1947)

Includes "Memorandum on proposed research to determine value of irradiated vitamin D milk in prevention and cure of tuber-culosis", by CEN, March 29, 1934.

Milbank, Samuel (Dr.).

Correspondence (1925-1940)

CEN opposed changing New York City Milk law.

## Milk Dealer.

Correspondence (1917-1953)

Subscription payments and efforts to induce the Milk Dealer organization to publish one of his articles.

Milk Industry Foundation.

Correspondence (1936-1959)

Milk Research Council.

Correspondence (1933-1941)

Grade A Milk.

Milk Sugar Institutes, Inc.

Correspondence (1935-1936)

Effect of milk sugar on intestinal flora.

Millbrook Dairy Company

H.O. Daniels. Correspondence (1912-1916)

Pasteurization.

Milwaukee, Wisconsin. Health Dept.

Correspondence (1927-1936)

Minneapolis, Minn., Division of Public Health.

Correspondence (1936)

Milk Pasteurization requirements for the city of Minneapolis.

Drawer 10-13

Minnesota, University of.

Correspondence (1924-1949)

Minnewisco Milk Company

Correspondence (1942-1943)

CEN plans milk demonstration in Washington, D.C. for purpose of influencing government on the need for adequate milk supply in Puerto Rico.

ani.

Missouri Dairy Company.

Correspondence (1920-1923)

North Milk ordinance and its impact on Kansas City politics,

Modern Hospital Magazine.

Correspondence (1916-1919)

CEN is asked to do an article for publication.

Montclair, N.J. Dept. of Health.

Correspondence (1921-1941)

CEN concerned with condition of milk before pasteurigation.

Montclair, N.J. Water Supply Maps (1920)

Geological Survey of New Jersey. (Maps)

Montclair, N.J. Water Supply.

Miscellaneous data. (1919-1921)

Falder includes pertinent reports, memorandum, letters, an outline, newspaper articles, and the results of Water tests.

Drawer 10-14

Montclair, N.J.

Water supply tabulations. (1920)

Montclair, N.J.

Water supply photos. (1920)

Separate portfolio containing t.

Score Cards: the enclosed data 1907 is the material prepared for the Lederle Laboratories by CEN and submitted by Lederle Laboratories to National Committee of Milk Inspection Association appointed to draw up a U.S. Score Card.

For the first time the division between equipment and methods was the feature of the proposal and this idea originated with CEN and was adopted by the committee.

#### Drawer 11-1

### N Miscellaneous correspondence

Nashville Pure Milk Company. Article dealing with the histroy of pasteurisation in the United States.

National Canners Association. New York Mayor's Milk Committee report.

National Cyclopedia of American Biography. Request for biographical information.

National Foundation for Infantile Paralysis Inc. Inactivation of poliomyelitis virus by heat.

National Geographic Society. Reinstatement of membership.
National Homogenizer Corporation. Tests of chocolate mixed with milk.

Nebrasda, State of. Dept. of Agriculture. Vitamin A content of milk in different breeds of cattle.

Nebraska, State of. Pasteurization laws.

New Mexico, State of. Bureau of Public Health. State laws governing pasteurization.

New York Academy of Sciences. Inquiry as to disposition of invitation to join.

New York Athletic Club. Inquiry as to membership.

New York Giants. Suggestion for treatment of Mr. Jurge's illness.

New York Post. Offer to edit "health" page.

New York Sun. Letter to editor as to Grade A Milk.

New Yorker Magazine. Submission of article by CEN "Brook-lyn Bridge Citizen", rejected.

North Carolina, State Board of Health. Legislation regarding pasteurisation.

#### Nashville, Tennessee.

Correspondence (1936)

Request for data reguarding pasteurization of milk ordinance, etc.

### National Carbon Company.

Correspondence (1932-1933)

Milk irradiation program.

National Clean Milk Society. (England)

Correspondence (1919-1926)

Pasteurization; CEN submits paper "Safeguarding Milk" to be read at Guildhall Conference, Nov. 21, 1923.

National Commission on Milk Standards.

Miscellaneous data (1912-1938)

Includes photos of Commission takin, Jan. 25, 1912.

National Dairy Council.

Correspondence (1915-1946)

CEN lends film "Making the Grade" to council.

National Dairy Conncil.

Correspondence (1923-1935)

National Dairy Council of Canada.

Correspondence (1920-1923)

Includes "Outline of Testimony before Railway Commission on Classification of Ice Cream", Ontario, Canada, Nov. 3, 1920, by CEN.

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National Dairy Products Corporation.

Correspondence (1936-1950)

National Dairy Products Corporation.

Correspondence (1924-1935)

Drawer 11-3

National Dairy Products Corporation.

(1925)

Ice Cream.

National Dairy Research Laboratories, Incorporated.

Correspondence (1948-1951)

Dry skim milk.

National Institute for Research in Dairying. (University of Reading, England).

Correspondence and lists (1919-1943)

Primarily lists of publications.

National Oil Products Company.

Correspondence (1932-1935)

National Producer's Committee of Evaporated Milk. (A.D. Allebach)

Correspondence (1936)

Pure Milk Bill.

National Sanitation Foundation.

Correspondence (1952)

Grade A Milk Standards.

Natural Hilk Cooperative Association, Inc. of New York State.

Correspondence (1934)

Proposed Rochester, N.Y. Milk Ordinance.

Drawer 11-4

Neff, J.H. (Dr.).

Correspondence (CMS) (191701922)

Nelson House.

Correspondence (1944-1948)

Regualr Accommodations in Poughkeepsie, N.Y.

Newark, N.J. Dept. of Health.

Correspondence (1918-1951)

Communications with Charles V. Cambber (Dr.).

New England Milk Producer's Association.

Correspondence (1915-1936)

Grade A milk.

Newhall, B.E.

Correspondence (1931-1936)

Lentern slides.

New Haven, Connecticute Dept. of Health.

Correspondence (1925-1936)

Inquiry as to local pasteurization ordinance.

New Jersey. Dept. of Agriculture.

Correspondence (1926-1941)

Milk situation in New Jersey.

New Jersey. Dept. of Health.

Correspondence (1919-1948)

New Jersey. Exxex County Medical Commission.

Correspondence (1924)

Epidemics from milk.

New Jersey. Essex County Medical Society.

Correspondence (1939-1940)

Establishment of single grade milk in New Jersey.

New Jersey. Executive Department. New Jersey. Executive Department.

Correspondence (1913)

Construction of Passaic Valley Trunk Service.

New Jersey. Milk Control Board.

Correspondence (1933)

Includes: "Abstract of brief on proposed amendments to state milk code, etc" Dec. 21, 1933, by CEN.

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New Jersey. State University. Agricultural Experimental Station. Rutgers University.

Correspondence (1936-1947)

Grading of milk.

New Jersey Health and Sanitary Association.

Miscellaneous data. (1921-1931)

New Jersey Official Grade A Milk Dealers Association.

Correspondence (1938-1939)

New Orleans, Louisiana. Health Department.

Correspondence (1936)

Pasteurization ordinance, John F. Johnston.

Newport, Rhode Island. Health Department.

Correspondence (1928-1940)

New York City.

Miscellaneous bureaux. Correspondence (190819949)

Sewage disposal; bacterial tests for milk.

New York City. Dept. of Health. S.S. Goldwater.

Correspondence (1914-1915)

Milk laboratories; sanitary codes.

New York City. Dept. of Health. John L. Rice.

Correspondence (1933-1937)

Various matters including a license for Abbotts Dairies to sell ice cream in New York City.

New York City. Dept. of Health.

Correspondence (1915-1934)

New York City. Dept. of Health.

Correspondence (1939-1952)

New York City. Dept. of Health. Babies Welfare Association.
Reports (1912-1921)

New York City. Dept. of Health. Bureau of Child Hygians.

Correspondence (1931-1936)

New York City. Dept. of Health. Bureau of Laboratories. Survey of Milk Laboratory.

(1914)

New York City. Dept. of Health. Bureau of Laboratories.

Correspondence (1912-1927)

New York City. Dept. of Hospitals.

Correspondence (1938-1941)

New York City. Dept. of Hospitals.

Correspondence (1934-1936)

Phenal coefficient.

New York City. Law Department.

Correspondence (1913-1918)

New York State. Hiptellandous Bureaux.

Correspondence (1913-1938)

New York State. Dept. of Agriculture and Markets.

Correspondence (1923-1940)

Includes "Themes for a Sound Film on Milk," 'Nature's greatest formula', by CEN, Sept. 18, 1939.

New York State. Dept. of Agriculture and Markets. Bureau of Milk Publicity.

Correspondence (1935-1936)

Includes, "Plan to promote the sale of milk in the state of New York", by Street and Finney.

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New York State. Dept. of Health.

Correspondence (1929-1949)

New York State. Dept. of Health.

Correspondence (1926-1928)

New York State. Dept. of Health.

Correspondence (1922-1925)

New York State. Editation Health

Correspondence (1916-1919)

New York State. Education Dept.

Correspondence (1919-1949)

New York State Public Health Council.

Correspondence (1933)

Includes "Brief on proposed amendments to state milk code for presentation at hearing before New York State Public Health Council," New York City, Nov. 3, 1933, by CEN. Proposed amendment to grading law.

New York State Senate. Hon. Thomas C. Desmond.

Correspondence (1942-1947)

New York Academy of Medicine.

Correspondence (1933-1954)

New York Academy of Medicine.

Correspondence (1915-1953)

Dr. F. Robbins, librarian.

New York Academy of Medicine.

Application for membership. (1936-1948)

New York Academy of Medicine. Grade A Milk Association.

Correspondence (1939-1940)

Includes reports.

New York Dairy Demonstration Company.

Correspondence (1905-1916)

Clover Farms.

New York Hemald Tribune.

Correspondence (1926-1938)

New York Metropolitan Milk Marketing Area.

Correspondence (1949-1954)

New York Milk Committee.

Correspondence (1908-1919)

Includes reports.

New York Milk Committee.

Summary of reports by CEN, 1937.

New York Milk Conference Board.

Miscellaneous data. (1927-1933)

New York Milk Dealer's Chamber of Commerce.

Correspondence (1928)

New York State College til Agriculture. Agricultural Experiment Station.

Correspondence (1933-1950)

New York State College of Agriculture. Agricultural Experiment Station.

Correspondence (1912-1932)

#### Drawer 11-11

New York State Council of Farms and Markets.

Correspondence (1919)

New York State Dairyman's Association.

Correspondence (1912-1918)

New York State Guernsey Breeder's Cooperative, Inc.

Correspondence (1937-1940)

New York State Samitary Officer's Association.

Correspondence (1925-1926)

New York State Society of Professional Engineers.

Correspondence (1934)

New York State Veterinary College. Cornell University.

Correspondence (1922-1931)

New York Times.

Correspondence (1936-1946)

New York Tuberculosis and Health Association.

Correspondence (1926-1940)

New Zealand.

Correspondence (1948-1952)

Making of butter fat and dried milk.

Nordheem, Ivan B.

Speech, Jan. 14, 1931.

Delivered to the New England Association of Ice Cream Manufacturers, Boston, Mass.

North Dakota. Dept. of Public Health.

Correspondence (1936-1949)

Laws pertaining to pasteurization.

North Star Dairy Cooperative.

Correspondence (1944-1954)

Includes agreement between North Star and CEN.

Nova Scotia, Canada. Dept. of Public Health.

Correspondence (1922)

Public health act and milk sanitation.

Nussbaum, Morris.

Correspondence (1940-1941)

Recommendation for a position with U.S. Civil Service Commission.

# O Miscellaneous correspondence

Oakes and Burger Company. Electric apparatus for flash heating of milk.

Oakland, California. Dept. of Health. Milk Survey.

O'Connor, Joseph W. Milk in infents' diet.

Ohio State University. Training of dairy fieldmen for service in dairy industry.

Oklahoma, State of. Dept. of Public Health. Legislation on pasteurisation.

Old Colony Brewing Company, Fall River, Mass. Possibility of its entering the milk business.

1

## Oakhurst Dairy.

Correspondence (1923-1932)

Educating physicians to accept pasteurization.

Oakland Chemical Company.

Correspondence (1912)

Sterilization of milk with Dioxogen.

O'Brien, Brian.

Correspondence (1932-1940)

Irradiation of milk and apparatus to accomplish this.

O'Brien, Brian.

B. Welchii Tests by CEN, 1933-1934.

O'Dowd's Dairy.

Plate counts, 1933. (1941)

#### Drawer 12-3

Ohio Dairy Products Association.

Correspondence (1927-1928)

Praise for CEN's speech before association, January, 1928.

Chio Salt Company.

Correspondence (1936)

Request for information on history of pasteurization in Ohio.

-4-

Olsen Publishing Company

/ ##rrespondence (1960)

Milk Dealer.

Ontario, Canada. Provincial Board of Health.

Correspondence (1920-1922)

Pasteurization.

Ontario Research Foundation.

Correspondence (1937)

Matza process to kill tuberculosis bacteria in milk.

Orange Judd Company.

Correspondence (1916-1933)

New England Homestead.

Ottawa Dairy Ltd.

Correspondence (1914-1936)

History of pasteurization in Ottawa.

Ottawa Dairy Ltd.

Costs (1914-1923)

Ottawa Dairy Ltd.

Blueprints of milk plant.

## P Miscellaneous correspondence

P.M. Newspaper. City Editor. Milk laws.
Paebar Co., Inc. "Milk for the Childern", from N.Y. Times, 9/12/36; to be published in The Year Book of Public Opinion. Pafford, Frederic C. (Dr.). Pasteurising equipment. Palmer, William B. Biographical sketch. Palo-Myers, Inc. Machine repairs. Pan-American World Airways. Dehydrated products. Park, William H. (Dr.). Opposition to milk standards. Park, Davis & Co. Thermial death points of the tubercle bacillus. Patterson, C.L. (see Brooks, Woodford) Patterson, Miriam (Mrs.). Request for letter of introduction. Pearson, Raymond A (Dr.). Grade A Milk Association. Peck, Arthur S. (Esquire). Status of Grade A Milk Association. (see Grade A Milk Association.) Pennsylvania Association of Dairy Sanitarians. CEN paper, "Milk-Stoves in Milk Sanitation", to be printed in Annual Report of the Pennsylvania Association of Dairy Sanitarians. Pennsylvania Assoication of Milk Dealers, Inc. CEN invited guest speaker. Pennsylvania Guernsey Breeders Association. Grade A Milk. Pennsylvania R.R. Abotts Dairies, Inc. Violation of U.S. Public Health Service Milk Ordinance and Code. Pennsylvania. University of. Pasteurized milk. Pepria, Illinois. Dept. of Health. Need for pasteurized milk. Pet Milk Company. Increase in vitamin D. potency in Pet Milk. Phoenix Dairy. History of company's pasteurization process. Philadelphia Hotel. Reservations. Pikesville Dairy Company. Washing powders.

Planning Foundation of America. Paper bottles machine.

Pokorny, Norman A. (Dr.). Milk in infants' diet.

Poland. Consulate General. Bestowing honorary Knighthood on Wm. Marston Scabury.

Popular Science. Planning story on reconstituted milk.

Porter, S.R. (Dr.). Refers to article "Standards for Milk Pasteurization", which appears in the American Journal of Hygiene of Hygiene, 7:147-173, 1929.

Portland Press Herald. CEN request 3 copies of the issue of April April. 11. 1944.

Porter, Charles E. Requests copies of Report of "Mayor's Committee on Milk".

Precision Thermometer and Instrument Company. Purchase thermometer.

Prescott, S.C. Orade A Milk Association, Inc. Conference and protection of the standards for pasteurized milk; also summary of early workers in the field of milk bacteriology in the United States.

Providence Medical Association. CEN paper on the sanitation of certified milk.

Public Administration Service. CEN requests publication entitled, "Milk Control".

Public Health Association of New York City. Constitution and by laws filed under Organization Plans.

Public Health Council. Electropure process. Public Health Journal. New manager.

Purity Paper Vessels Company. Paper Milk Bottles.

Purvis, Stuart. CEN sells laboratory motor.

#### Package Machinery Company.

Correspondence (1932-1951)

Cellophane milk bottle capping machine.

#### Palmieri, Edgar A.

Correspondence (1938-1939)

Abbotts Dairies and World's Fair.

Drawer 12-6

Palmieri, Edmund L.

Correspondence (1937-1949)

CEN process for manufacture of ice cream.

Palmieri, Edmund L.

Correspondence (1946-1948)

Henderson vs. North. Action for breach of contract between plaintiff and the defendant; damages are claimed in the sum of \$1,000.00; settled for \$500.00.

Palmieri, John.

Correspondence (1937)

Passaic Valley Sewer Legislation.

(1913)

Paterson, New Jersey. Dept. of Health.

Correspondence (1924-1926)

Milk ordinance.

Patterson, Charles L.

Correspondence (1937-1938)

Includes copy of agreement between Patterson MadtfälljadSepdråffb. Company and CEN, dated 1938.

Patterson, Charles L.

(1937-1938)

Patents on yeasted milk; Vitamin D assay of milk.

Paulsen, A.E.

Memorandum (1932)

Cream machine, "Dispermill".

Payne, Fred W. Exposition Management Corporation.

Correspondence (1918-1941)

Health exposition.

Pease, Charles D.

Correspondence (1944-1952)

Includes reports. Industrial engineer; consultant to North Company.

14

Pease Laboratories, Inc.

Correspondence (1936-1945)

Testing of well water.

Pennsylvania. Dept. of Agriculture.

Correspondence (1912-1931)

Sanitary character of muncipal milk supplies.

Pennsylvania. Dept. of Health.

Correspondence (1908-1945)

Pennsylvania Association of Dairy and Milk Inspectors.

Miscellaneous data. (1925-1928)

Drawer 12-8

Pennsylvania Salt Manufacturing Company.

Oorrespondence (1932)

Use of comorine in sewage and water as a sterilizing agent.

Pennsylvania. University of.

Correspondence (1919-1928)

CEN presents paper to Section on Industrial Hygiene and Public Health to College of Physicians of Philadelphia, May, 1928.

Peoria Creamery Company.

Correspondence (1923-1931)

Yeast and mause fount in butter.

Pepria, Illinois Association of Commerce.

Correspondence (1923)

Invitation to CEN to address meeting of association of Commerce in March, 1923.

Perkins Marine Lamp and Hardware Corporation.

Correspondence (1935)

"Perko" alcohol burner.

Pfaudler Company.

Correspondence (1922-1953)

Includes proposal for dairy equipment.

Phelps, Earle B.

Correspondence (1916-1953)

Includes contract. Sanitary engineer; conducts research under auspices of North Public Health Bureau for Borden's Farm Products Company.

Philadelphia, Pennsylvania

Correspondence (1919-1937)

History of pasteurization in Philadelphia.

Philadelphia Interstate Dairy Council.

Correspondence (1930-1937)

Grade A Milk.

Philadelphia Interstate Dairy Council.

Correspondence (1919-1931)

Grade A Milk.

Phillips, Wilbur C. Organizing Committee for Social Union, Inc.

Correspondence (1940-1943)

Manuscript of book written by Phillips: comment on by CEN.

Phillips, Wilbur C.

Correspondence (1923-1935)

"Social" engineering.

Phillips, Wilbur C.

Correspondence (1918-1922)

National Social Unit Organization.

Phillips, Wilbur C.

Miscellaneous data. (1918-1926)

Phillips, Wilbur C. Consumer's & Producer's Foundation of America.
Miscellaneous data. (1929)

Pickman Company.

Correspondence (1914-1924)

Laboratory experiments carried out by CEN and assistant; manufacture of "Pickman's Liquid Chocolate".

Pine, Edward J.

Correspondence (1936-1944)

Grade A Milk Association and the effort to protect Grade A Milk standards.

Pittsburgh, Pennsylvania. Dept. of Public Health.

Correspondence (1936)

Laws on pasteurization of milk in this city.

Pittsburgh, University of. Mellon Institute.

Correspondence (1925)

Emulsifying agent.

Pittsfield Milk Exchange, Incorporated.

Correspondence (1931)

Request North's services.

Plainfield, N.J. Dept. of Health.

Correspondence (1934-1935)

Poetschke, Paul.

Correspondence (1937-1946)

Consulting and research chemist. Former associate at Lederle Laboratories.

Polk Company (The).

Correspondence (1927)

Fruit guices.

Polk Sanitary Milk Company.

Correspondence (1914-1940)

Grade A Milk business in Indianapolis.

Porter's (Miss) School. Fermington, Connecticut.
Correspondence (1936)

Portland-Damascus Milk Company.

Correspondence (1922-1924)

Typhoid fever epidemic.

Portland, Maine. Dept. of Health.

Correspondence (1923-1934)

Portland, Oregon.

Correspondence (1936)

Laws on pasteurization.

Portville Milk Company.

Correspondence (1946-1953)

Includes blueprints.

Poughkeepsie, N.Y.

Correspondence (1915-1920)

Epidemic.

Poughkeepsie, N.Y.

Miscellaneous data. (1915)

Streptococcus: Milk borne epidemics. Includes "Report of Investigation of epidemic of an infectious disease in P Poughkeepsie, New York", by CEN and New York Milk Committee, May 25, - June 9, 1915.

Printer's Ink Publications.

Correspondence (1934)

Refers to Grade A Milk under New York Milk Committee.

Providence Dairy Company.

Correspondence (1926-1928)

Raw Milk Advertizing and the development of Grade A Milk regulations.

4

Providence, R.I. Health Dept.

Miscellaneous data。 (1911-1937)

Raw Milk and Laws on pasteurization.

Prucha, M.J.

Correspondence (1926-1928)

Tests for bacteria.

Pulp Products Company.

Correspondence (1934-1936)

Pulp bottles.

Purdue University. Agricultural Experiment Station.

Correspondence (1916)

Grade A Milk in New York.

# Q Miscellaneous correspondence

Queen City Dairy Company. Buffalo, N.Y. Washing powder for bottles and cans.

Quebec, Canada. Laboratories official provincial.

Correspondence (1923)

Refers to Anniversary Volume of the American Public Health Association (1921); statistics on the value of pasteurization.

# R Miscellaneous correspondence

Reilly, Thomas F. Milk in infants' diet.
Reinforiced-Paper Bottle Corporation. Paper milk bottles.
Reinle's Milk and Rest Cure. Milk in Adults' diet.
Rice and Adams Corporation. Milk plant equipment.
Richmond Dairy Company. Richmond, Va. Pasteurization equipment.

Riesenfeld, Edwin A. Milk in infants' diet.

Rogers, E.C., Company. Pasteurizers for cream for butter manufacturers.

Royal Agricultural Winter Fair Association. Exposition of milk to be held in Toronto.

Royal Ice Cream Company. Tacoma, Washington. Price of milk and ice cream products.

Royal Typewriter Company, Inc. Invitation to attend a demonstration by CEN; declined.

Ryan, Clendein J. Declines invitation to attend demonstration.

#### Rainier, Jack D.

Correspondence (1948-1949)

Memorandum in connection with North Milk Industries Budgets attached on minimum Basis and Expansion Basis for Six Months, Dec. 6, 1948.

Ravenel, Mazyck.

Correspondence (1925-1946)

History of pasteurization.

Reed Company.

Correspondence (1935-1941)

Bacterial tests and new milk containers.

Renken Dairy Company.

Correspondence (1937-1940)

Grade A Milk Association.

Rettger, L.F.

Correspondence (1931-1940)

CEN interested in research done on acidophilue, its theroplutic application and some experiments with bactose.

Rhode Island Agricultural Conference.

Correspondence (1933)

CEN delivered paper entitleds "Adequate Milk Inspection; what it means to both producer and consumer."

Rhode Island. Dept. of Agriculture.

Correspondence (1928-1937)

Rhode Island State Collegel

Correspondence (1933)

Concerns tentative plans for a speach by CEN.

Richmond, Virginia.

Correspondence (1927-1936)

Pasteurization law. History of milk industry.

Rieck-McJunkin Dairy Company.

Correspondence (1914-1936)

History of pasteurization in Pittsburgh.

Rigby, H. B.

Correspondence (1925-1931)

CEN's view of milk industry in Southern cities.

Rochester, N.Y. Dept. of Public Safety. Bureau of Health.

Correspondence (19**35**)1936)

Includes "The control of milk supplies for towns and small cities", by CEN, 1915. Also, "Sanitary Measures of Primary Importance in the Production od Clean Milk", by CEN, 1915. Addresses; also information on pasteurization laws.

Rochester, N.Y.

Milk survey 1919.

Survey blanks.

Rockefeller Foundation.

Correspondence (1920-1949)

CEN request information on infant mortality.

Drawer 13-7

Roosevelt, Franklin D.

Correspondence (1935-1943)

Concerns F.D.R.'s activities and attitude towards the milk industry in New York City.

Rosenau, M.J. (Dr.).

Correspondence (1915-1946)

Development of pasteurized milk; CEN's opposition to U.S. Public Health Service and his proposal for a national milk survey.

Rosenaw, E.C. (Dr.).

Correspondence (1917-1933)

Cultures in milk.

Royal Ice Cream Company.

Correspondence (1915-1916)

CEN memorandum quotes some authorities on the subject of municipal milk control.

Rumford Chemical Works.

Correspondence (1930-1938)

Ruthrauff and Ryan.

Correspondence (1933-1934)

Refers to development of markets for Grade A Milk in large cities.

# S Miscellaneous correspondence

Selfert John A. Patent on sterile milk. St. Louis Dairy Company. Sale of milk. Salt Lake City. Ordinances governing sale of milk. Schier, Bare F. Information for article on history of milk pasteurization. Schier, Oscar B. & Bros. Hygeia Dairy. Washing powder for dairy equipment. Schlueter Dairy Supply Company. Request for catalog. Scott, Adele B. Request for interview with daughter, Charlotte North on art work. Scott, John W. Dairies. Washing powder for dairy untensils. Scott, George Dow (Dr.). Milk in infants' diet. Scott, W.S. Pneumatic cap for milk bottles. Scranton, City of . Dept. of Bubbic Health. Seedburo Equipment Company. Dairy Equipment. Silica Gel Corporation. Dairy Equipment. Sklar, Herman. Milk hearing in New York State (Albany). Smith, Warren J. Experiments in the production of a metal cap for milk bottles. Sound Masters, Inc. (Hagold E. Wondsel) Production of movie for Bairy and Ice Cream Machinery and Supplies Association, Inq South Carolina. State Board of Health. State Laws on pasteurizetiination. South Dakota. State Board of HHealth. State laws regarding milk pasteurization. Southland Dairy Products Company, Inc. Atlanta, Ca. Pastcurization of milk in Atlanta. Sparrow, Charles A. (Dr.). Milk in infants diet. Standard Cap and Seal Corporation. Westlake cap for milk bottles. State Brand Creameries, Incorporated. Reconstituted milk products. Stayman Laboratories (Narbeth, Pa.) Food and Health preparation composed of natural ingredients to be blended with milk. Stemson, Phillip M. (Dr.). Mikk in infants' diet. Stuart, Harold C. Council on Foods and Nutrition. Submarine Singal Company. Production of soft curd character-

istics in milk by treatment of milk by sonic vibrations.

St. Louis, Mo. Ept. of Helth.

Correspondence (1933-1949)

Proposed for study of irradiated milk.

St. Louis, Mo. Milk ordinance hearings. (1936) No.1

St. Louis, Mo. Milk ordinance hearings (1923-1936) No.2

Senator Royal Copeland letters to and from, concerning proposed U.S. Standard Milk Ordinance.

St. Louis, Mo. Milk Supply.

Miscellaneous notes,

St. Louis Medical Society. Bulletin. CEN articles. (1933-1936)

"The New Milk Ordinance"; refers to failure of St. Louis milk ordinance; "Milk Sanitation and its effects on Public Health"; refers to developments in New York City.

Salthe, Ole Nutrition Foundation, Inc.

Correspondence (1938-1952)

Includes Certificate of Incorporation; Interivew on the new Foundation and material on Nutrition Grants of the Foundation.

San Francisco, California. Dept. of Public Health.

Correspondence (1925-1937)

History of Pasteurization Laws.

Sardek Food Products Corporation.

Correspondence (1945)

Business venture pertaining to certain inventions on dehydration of milk and cream.

Saskatchewan, Canada. Dept. of Health.

Correspondence (1918)

Development of Pasteurized milk.

Sawyer, J.E.

Correspondence (1935-1939)

Clarifier tests.

Schneider-Becker Dairy Company. Swiss Dairies.

Correspondence (1913-1915)

Commission on Milk Standards.

Schnepp and Barnes.

Correspondence (1936)

Concern tentative publication by Schnepp and Barnes.

Scientific Sugars Company.

Correspondence (1934)

Interest in CEN's bacteriology tests.

Scott and Bowne Charles Fowler.

Correspondence (1935-1936)

CEN's interest in cod liver oil.

Seabury, William Marston.

Correspondence (1936-1951)

Mr. Seabury's efforts in behalf of North Milk Industries, Inc.; his claims against it. Also, address by CEN, "Grade A Milk", Republican Committee of One Hundred, Feb. 13, 1940.

Sealtest System Laboratories, Inc.

Correspondence (1937-1946)

Butter Oil; CEN report on Butter oil.

Seattle, Washington. Dept. of Health and Sanitation.

Correspondence (1936)

Pasteurization laws.

Service Bureau. Outline of activities (1931)

Sharpe and Dohme. Mulford Biologcial Laboratories.

Correspondence (1936)

Acidophilus products and acidophilus theropy.

Sharpless, P.E. Company.

Concerns elmulsor and milk oil.

Shiffield Producers Cooperative Association.

Correspondence (1937-1940)

Concerns CEN's motion pictures.

Sherman, H.C.

Correspondence (1912-1949)

Shrader, J.H.

Correspondence (1933-1939)

Or

Smith, Alfred E., Governor of New York State.

Correspondence (1919)

Concerns milk and also high cost of living.

Smith Corporation.

Correspondence (1950-1953)

Some material concerns North Milk Industries, Inc.

Smith Theobold, (Dr.).

Correspondence (1922-1932)

Rockefeller Institute. Heomolytic streptococcus.

Society for the Prevention of Harbor Pollution.

Correspondence (1913-1914)

Soviet Government Purchasing Commission.

Correspondence (1943-1944)

CEN requests meeting.

Drawer 13-13

Sparks, John C.

Correspondence (1916)

Consulting and analytical chemist. Pollution.

Spray Brying Corporation.

Correspondence (1919)

Springfield, Mass. Dept. of Public Health.

Correspondence (1925-1936)

Pasteurization laws.

Squibb, E.R. and Sons.

Correspondence (1934-1951)

Milk Sugar

Standard Brands, Inc.

Correspondence (1932-1933)

CEN requests information on Vitamin D Milk.

Stevens, John F.

Correspondence (1946-1954)

Includes memo entittled, "North Milk, Inc.", Nov. 1, 1949.

Straus, Jesse Isidor

Tests, CEN on Mt. Kisco Dairy (1920-1927)

Straus, Nathan.

Correspondence (1913-1925)

Purity tests.

Drawer 13-14

Straus, Nathan, Jr.

Correspondence (1923-1935)

Purity tests.

4 :

Drawer 14-1

Supplee-Alderney Dairy.

Correspondence (1914-1917)

Material includes: question of Clean Milk; National Commission on Milk Standards and other milk associations.

Supplee-Hills-Jones Milk Company.

Correspondence (1938-1939)

Grade A Milk.

Supplee-Wills-Jones Milk Company.

Correspondence (1927-1937)

Grade A Milk.

Supplee-Wills-Jones Milk Company.

Correspondence (1918-1926)

Swift and Company.

Correspondence (1930-1947)

CEN Pilot Plants. One for production of dehydrated milk fat and one for production of dehydrated skim milk; also Swift and Company interested in CEN Patents.

A.

Sysacuse, New York. Department of Health.

Correspondence (1927)

Milk-born epidemics. Electro-Pure Process.

# T Miscellaneous correspondence

Tacoma, Washington. Dept. of Health & Sanitation. Pasteurization of milk and varying temperatures concerned with bt.

Taylor, W.A. & Company. Water analyzer equipment; temperature recording instruments.

Telling-Belle Vernon Company. Employment of Arthur D. Gemmill. Tennesse, State of. Department of Agriculture. Laws regarding pasteurization.

Texas. State Board of Health. Laws regarding pasteurization. Thatcher Manufacturing Company. Automatic casing of bottles at discharge end of the filler.

Thomson, McLood. Letter of thanks for copy of Roget's, "Thesaurus".

Time Magazine. Letter thanking CEN for cooperation on report on concentrated milk.

Time Magazine. Dr. Arthur Vogelsong's experiments with Vitamin E Treatment for heart disease.

Time Magazine. Invitation to attend a dehydration demonstration.

Article on CEN which appeared in the magazine; "Dehydration Process for Milk".

Time Magazine. Report on milking machines. (Not published.)
Towbridge, E.H. (Dr.). Milk situation in Worcester, Mass.
Turner & Wescott, Inc. CEN addresses class on "Premium Products".

Tart Brothers, Incomporated.

Correspondence (1923-1927)

Thomas, Arthur W.

Correspondence (1915-1928)

CEN requests various tests.

Thompson's Dairy, Washington, D.C.

Correspondence (1936-1948)

Use of Steam Sterilization on Dairy Farms; history of pastemrization.

#### Drawer 14-3

Toledo, Ohio. Division of Health.

Correspondence (1936)

History of pasteurization.

Toronto, Canada. City Clerk's Office.

Correspondence (1920)

CEN proposes Milk Survey.

Toronto, Canada. Public Health Department.

Correspondence (1917-1931)

Commission on Milk Standards.

Toronto, Canada. Public Health Department.

Correspondence (1912-1916)

Commission on Milk Standards.

Trenton, New Jersey. Bureau of Health.

Correspondence (1927-1933)

Pasteurization laws.

Turmen, Harry S.

Correspondence (1945-1952)

Picture of Truman; CEN asks Truman to reexamine the existing purity of Milk Supplies.

-4

Drawer 14-4

Tupman Thurlow Company, Incorporated.

Correspondence (1943-1957)

Foreign markets.

# U Miscellaneous correspondence

USSR. Chemeko-technologitscheski Institute; Leningrad.
Letter in answer to query on pasteurization of milk.
Urner-Barry Company. Method for making plate counts.
Utah. State Board of Agriculture. Laws pertaining to pasteurization of milk.

Union Milk Company, Ltd., Calgary, Canada.

Correspondence (1919-1921)

Involves North Public Health Bureau.

United Dairies, Ltd.

Correspondence (1919-1936)

United Nations.

Correspondence (1948-1951)

Need for milk on Past-War World.

United States.

Miscellaneous inquiries, No. I.

Breatzke, F.G. (Pres.) Mayflower Dairy Company. CEN's dehydrated products.

Budlong, W.M. Letter inquiring into CEN's dehydrated products. Cannon, Margaret. Research and Inquiry Service, Dairy Industries Supply Association, Inc. Letters concern CEN's process of reconstituting dehydrated whole milk.

- Deane, H.M. (Captain, V.C.) Office of The Post Vertinarian. Letters to CEN concerning types of fats and skim milk for use in reconstituting fluid milk.
- Krauss, W.E. (Chief) Ohio Agricultural Experiment Station. Letters concern CEN's process for reconstituting milk.

Latin-American Inquiries List.

- List of Important Inquiries Regarding Milk Oil and Reconstituted Milk.
- Lockett Company. Interested in issue of "Time" which discurred CEN's dehydrated milk process.
- Messiter, E.G. Market Survey and Analysis; Broduct Research and Development. Offers to be CEN's Washington representative.
- Monshan, H.V., New York Furniture Exchange. Interested in sending some of CEN's milk powder to his son, an officer with the Air Corps in China.
- Morgan, Carl. Eastern Sales Mgr. Merlia Papaya Products, Inc. Letters concern some new developments in Papaya.
- Morchant, M. Howard. CEN interested in supplying reconstituted milk to Army and Navy.
- McLean, R.P. Claresholm, Alberta. Interested in article in "Time" on CEN's process for dehydrated milk.
- Olcott, Gaye. Bolten's Clover Farm. Interested in article in "Tibe", (Nov. 16, 1942) regarding CEN's process for dehydrated milk.
- Piggott, George, Assistant Control Manager. Merrill and Anderson Company. (Advertising) Request information from CEN on the new process of dehydration and reconstitution of whole milk.
- Proctor, B.E. (Prof.) Department of Biology and Biological Engineering, Massachusetts Institute of Technology. Concerns article in "Time" on CEN's process of dehydrated milk.
- Sears, Paul H. Woodbury, Conn. Concerns article in recent October issue of Herald Tribune on CEN's process of dehydration of whole milk.
- Seymour, L.D. (Vice-Pres.) Dodge & Seymour, Ltd.: An Export Sales Organization interested in article in "Time" concerning CEN's process for reconstituted milk.
- Scherback, H. New York City. Letters concern reconstituted milk. Stanton, Richard. Sherman K. Ellis & Company interested in
- article in "Time" on CEN's process for reconstituted milk. Rhodes, W. K., Commander, U.S. Navy. Interest in article in "Time" on CEN's process for reconstituted milk.

Tragle, Henry, Lieut.I., 36th Armed Regt., Ft. Knox, Kentucky. Interest in article in "Time" on CEN's process for re-constituted milk.

United States Department of Agriculture. Agricultural Marketing Administration: Specification for Canned Foods Cases.

United States Department of Agriculture. Agricultural Marketing Administration: Specification for Canned Foods Cases.

Williamson, S.W. Media Concrete Products Company. Interested in article in "Time" on CEN's process for reconstituted milk.

#### United States.

# Miscellaneous inquiries, No. II.

Altman, Alfred. (Pres.) National Dairymen's Association. Request for fresh pure butterfat in dry form.

Balch, G.G. Balch Flavor Company. Interest in CEN's milk products for possible export to South America.

Beck, V.S. Beck Engineering Combustion Company. Interested in CEN's reconstituted milk process.

Blackwell, H.M. Purchasing Manager, Pan American Airways System. Interest in CEN's dehydrated milk products.

Chase, G.S. Chase Brothers Dairy. Interested in purchasing machinery from North Milk Products, Inc.; use in the process of drying whole milk.

Blumenthal Brothers; Blumenthol Brothers. Requests quotation on milk oil from North Milk Products Incorporated.

Branagen, Frank A. Interest in article in "Time" on CEN's process of dehydratada milk.

Brooks, Herbert, Yale University Press. Interest in CEN's process of reconstituted milk.

Collins, S.A. Portville Milk Company, Inc. Interest in CEN's milk oil and butter oil products.

Chapin, Purchasing Agent, Manufacturers Representative. Interest in CEN's reconstituted milk process.

Cantor, Joseph. Canto Neighborhood Theaters. Interest in investing and promoting CEN's organization.

Diebold, A.H. Executive Committee of American Home Products Corporation. Not interested in investing in CEN's organization at this time.

- Egee, George T. George Thiesner Egee Associates. Need for reconstituted milk in India.
- Eaton, Jr. Major H.D., The Engineer School, Fort Belvoir.
  Concerns CEN's dehydrated milk and its possible use in foreign countries.
- Field, Allan J. Cliffride, New Jersey. Dried pasteurised gream.
- Graham, S. Illinois Baking Corporation. Dehydration of ice cream mix.
- Hoiner, Charles E. New York, N.Y. Dehydration of milk.

  Jones, Paul D. (Pres.) International Dairy Products Corp.

  Interest in CEN's milk oil for Latin America.
- Knips, Emil J. Flushing, New York. Nutritional value of reconstituted milk.
- Kegan, S. Dehydrated milk.
- Laughlin, John L. Mengar Dairy Cos Refers to August issue, 1949, P Popular Science "Mechanical Cow Server Global Milk Route".
- Logerman, C.W. C.W. Logerman Company. Refers to plans for using mechanical cow homogenizer.
- Lund, A.A. Associates. Refers to various companies which are interested in CEN's process of reconstituted milk.
- Mc Lean, P.K. McLean and Barnes Hardware Company. Interested in CEN's dehydrated milk process.
- Mendel, Lafayette B. Professor of Physciological Chemistry, Yale University. Interest in CEN's process for removal of fat from milk.
- Mones, Lawrence S., Assistant Chief, Division of Labouries and Institutes. Interest in CEN's article in Time Magazine for November 16, 1942.
- Parish, E.W., Jr. Lt. Commander, U.S. Navy. Interest in CEN's
- article in Time Magazine for November 16, 1942.

  Perkins, B. G. Doane Agricultural Service, Inc. Interest in reconstituted milk.
- Phillips, Steven. John G. Marshall, Inc. Interest in dehydrated milk process.
- Rensloe, Helmuth R. Marx and Co. Interest in CEN's inventions.
- Risnac Company. Invitation to CEN's pilot plant.
- Rogers, George, Saybrook, Conn. Interest in CEN's dehydrated milk.
- Schultz, Robert V., Lieut. Commander, Office of Post Sanitation Officer, Regimental Infurmary #1, Camp Le Jeune. Interest CEN's demonstration of reconstituted milk.
- Sell, Henry B. Planned Foods, Inc. Interest in promoting CEN's dehydrated milk and other products.

Snyder, H. Blake. Caldwell, N.J. Concerns cost of installing a plant to dehydrate skim milk.

Topolean, S. Seville Hotel, New York, N.Y. Concerns literature on CEN's process of dehydrated milk fat.

Wagg, Kenneth A., Chairman, Horlicks Corporation. Interest in CEN's process of dehydrated milk and milk products.

Waterhouse, Thomas P. Bellevue Dairy. Refers to CEN article in Milk Dealer, October, 1942.

Werner, Paul L., Director, Waco McLennan County Health Unit. Interest in differential tests between reconstituted milk and pasteurized milk.

Wilson, Frederic N., New York, N.Y. Interest in CEN's reconstituted milk.

White, E.L. White Ice Cream and Milk Company. Concerns plans for CEN's milk demonstration for Commander Schultz.

United States. Board of Economic Warfare.

Correspondence (1942)

Reconstituted milk.

United States Congress.

Correspondence (1941-1950)

Letters from Senator Herbert Lehman; Congressman Reed Murry and Congressman Martin Dies.

United States Coordinator of Inter-American Affairs.

Correspondence (1942-1944)

Letters from Nelson RockeTeller, Coordinator concerning varities for machinery and supplies for use in dehydrated milk products.

United States. Department of Agriculture.

Correspondence (1927-1954)

CEN requests information, and also supplies film for review.

#### Drawer 14-9

United States. Department of Agriculture. Agricultural Adjustment Administration.

Correspondence (1930-1934)

Letter to Mrs. Kleanor Roosevelt; also referral letter by Mrs. Roosevelt to Department of Agriculture.

United States. Department of Agriculture.

Agricultural Marketing Administration. Correspondence (1942-1944)

Concerns CEN's efforts to gain support and promoters for his dehydrated milk process.

United States. Department of Agriculture. Bureauuof Animal Industry.

Correspondence (1915-1943)

United States. Department of Agriculture. Bureau of Chemistry.

Correspondence (1913-1934)

Some letters concern activities of the National Commission on milk standards.

United States. Department of Agriculture. Bureau of Dairy Industry.

Correspondence (1918-1954)

Butteroil.

United States. Department of Agriculture. Commodity Credit Corporation.

Correspondence (1950-1954)

Butteroil.

United States. Department of Agriculture. Director of Extension Work. (M.L. Wilson)

Correspondence (1942)

Reconstituted milk.

United States. Department of Commerce. Bureau of Fisheries.

Correspondence (1935)

Cod liver oil and Cod Fisheries.

United States. Department of Commerce. Bureau of Standards.

Correspondence (1930-1931)

CEN requests "Circular of the Bureau of Standards, No. 8, Testing of Thermometers and also Laws Concerning the Weights and Measures of the United States"."

United States. Department of Commerce. Bureau of the Census.

Correspondence (1915-1929)

CEN requests various census information.

United States. Department of Commerce. Patent Office.

Correspondence (1921-1953)

CEM requests various patent information.

United States. Federal Security Agency. Public Health Service.

Correspondence (1940-1952)

CEN requests information on Milk Ordinance, Bacucella Abortus.

Drawer 14-11

United States. Federal Trade Commission.

Correspondence (1944)

United States. Food Aministration. New York Federal Food Board.

Correspondence (1917-1918)

United States. Lend-Lease Administrator.

Correspondence (1942-1952)

Letters to Harry Hopkins concerning reconstituted milk.

United States. National Research Council.

Correspondence (1941-1953)

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United States. Office of Price Administration.

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United States. Treasury Department. (Secy. Henry Morgenthau, Jr.)

Correspondence (1936)

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Meskinging of Grade A Milk restrictions.

United States. Treasury Department. Public Health Service.

Correspondence (1922-1926) Bulletin No. 147

Includes Test for Tubercile Bacilli; CEN's criticesion of Bulletin No. 147, and reference to Endicott report.

United States. Treasury Department Public Health Service. (Leslie C. Frank)

Correspondence (1926-1934)

Concerns Revised U.S. Milk Ordinance, 1933.

United States. Treasury Department. Public Health Service.

Correspondence (1913-1936)

United States. Treasury Department. Public Health Service.

Outline of brief, CEN. (1936)

United States. Treasury Department. Public Health Service. (Dr. E.J. Streglits)

Correspondence (1940-1943)

Committee on Longevity.

United States. Treasury Department. Public "ealth Service. (Thomas Pairan, Jr.)

Correspondence (1936-1950)

CEN refers to weakness of U.S. Public Health Standard milk Ordinance; reconstituted milk and Commission on Milk Standards.

United States. War Department

Correspondence (1942-1943)

Reconstituted Milk.

Drawer 14-13

United States. War Department. Quartermaster Corps. Bids & Specifications. Alaska.

(1949-1953)

United States. War Department. Quartermaster Corps.

Correspondence (1942-1950)

Dehydrated milk.

United States. War Department. Quartermaster Dorps. Specifications, Milk Oil; Dry Skim Milk.

(1945-1950)

United States. War Department. Quastermaster Corps. (Iwing C. Reynolds)

Correspondence (1947-1950)

Reconstituted milk.

United States. War Relocation Authority.

Correspondence (1942-1944)

CEN appointed consultant.

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VCA Laboratories. CEN requests material on treatment of heat heatt desease with Vitamin E. Verley Products Corporation. CEN requests material on cottage

Verley Products Corporation. CEN requests material on cottage cheese system.

Vermont. State of. Milk laws.

Vermont. University, College of Agriculture. Proposed Eastern States Dairy Association.

Vio Bin Corporation. Autioxidant.

Virginia, Commonwealth of. State Milk Laws.

Virginia Dairy Company. Request information from CEN on handling milk.

Vitex Laboratories. CEN request copy of report entitled, "Fluid Milk Consumption in various American Cities".

## Van Ingen, Phillip.

Correspondence (1934-1942)

Concerns Grade A Milk and inquiry into the location of the records of the New York Milk Committee.

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Van Nostrand and Company.

Correspondence (1929-1935)

Van Slyke, L.L.

Correspondence (1912-1920)

Commission on Milk Standards.

Vermont Agricultural Experiment Station.

Correspondence (1923-1944)

CEN requests various Bulletins.

Vermont Dairymen's Association.

Annual meetings and addresses by CEN. (1916-1918)

Vermont Dairymen's Association.

Correspondence (1915-1928)

Concerns CEN addresses.

Vermont. Department of Agriculture.

Correspondence (1914-1944)

Vitamins, Incorporated

Correspondence (1936-1940)

Vitamin D.

Vreeland, T. Reed.

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Continuous churn.

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Wanger, Sidney and Sons. History of pasteurization in Chicago.
Wamer, William R. and Co., Inc. Dr. Barry Success Course,
Health and Appearance.
Washington. State of. State milk laws.
Watkins, Annie Mae. Letter of inquiry.
Weisoglass, Joseph (Dairy). Telephone conversation.
Western Condensing Co. Dry whey.
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West Virginia. State of. State milk laws. Westchester County. Dept. of Health. White plains, N.Y. Milk laws.

Western Precipitation Corporation. "Holo-Flite Processor for Heat Transfer".

White Haven Sanatorium. Proposal to test the value of irradiated milk for the treatment of tuberculosis.

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Who's Who in New York. Delaware, Pennsylvania.

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Who's Who in the Western Hemisphere.

Wickwire Spencer Steel Co. Conveyor belt.

Wilcox, Herbert, (MD) Milk farinfants diet. Wilder, Russell (MD) Mayo Clinic, policies of the Council on Food and Nutrition.

Williams, John R. (Dr.). Articles read by CEN.

Willis, B. J., Co. Altehol business.

Willoughbys Camera Stores, Inc. Photographs of the World's Fair.

Wilson and Co. CEN processes and machinery for dehydrating pure milk fat.

Wilson, Thomas K., Jr. Grade a milk association. Wisconsin State Board of Health. State Milk laws. Wise, William H. & Company. CEN orders painting. Wistor Institute of Anatomy and Biology. Journal of Nutrition. Wood, Francis Carter (Dr.). CEN letter of introduction. Wood Brooks Farms. Membership in Grade A Milk Association. Wright, Hamilton Organization. Photographs of the World's

Fair. Wunder, Clarence E. Apparatus ih making beer. Wyoming, State of. State Milk laws.

Walker-Gordon Laboratory Company.

Correspondence (1927-1960)

Grade A milk and bottle washing.

Wallace, Henry A.

Correspondence (1942)

Reconstituted milk.

Wallace and Tierman Co., Inc.

Correspondence (1916-1952)

CEN seeks to develop milk truck for making reconstituted milk; also some information concerning tuberculous and water tests.

Warner, George C.

Correspondence (1942-1989)

North Milk Industries. Longevity Committee of the class of 1900.

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Washburn, R.M.

Dorrespondence (1918-1921)

Powdered whole milk.

Way, Cassuis.

Correspondence (1921-1936)

Agglutination tests for brucella infection.

Weldon andsssephens, Solicitors.

Correspondence (1915-1916)

Re: Duncan vs. City of Westmount Montreal.

Wellingk Charles H. and Company.

Correspondence (1914-1950)

Includes agreement with North Milk Company.

Wells, C.H.

Correspondence (1914-1920)

National Commission on Milk Standards.

Wenner-Gren, Axel.

Correspondence (1946-1953)

Swedish Financier.

Western Dairy Products, Incorporated

Correspondence (1947)

Milkoil, butter oil.

Western Maryland Dairy Company

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Foam prevention.

Westlake, Albert, (Dr.).

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Bottle caps.

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Contracts (1937)

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Westmont, Canada. Office of the General Manager.

Correspondence (1915-1916)

Establishment of laboratory in City of Westmount.

White, Benjamin, (Dr.).

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Mastitis and effect on milk.

Whitner, Thomas C. (Dr.).

Correspondence (1946-1953)

Includes "Notes on Milk Oil Process", by CEN, March 15, 1951.

Drawer 15-7

Whitner, Thomas C. (Dr.).

Application for patent on continuous process and machinery for butter making. (1945-1946)

Whitner, Thomas C. ( Dr.)

Correspondence (1940-1942)

Whitney, H. LeRoy.

Correspondence (1949-1950)

Includes prospectus, North Milk Co.

Wile, Ira S.

Correspondence (1934-1939)

Wiley, John and Sons, Inc.

Correspondence (1914-1942)

Matters concerning books written by CEN.

Williams, Stephen G.

Correspondence (1912-1937)

Legal services rendered to CEN.

Williams and Wilkins Company.

Correspondence (1928-1950)

Ordering of publications by CEN.

Willmann, Joseph.

Correspondence (1922-1982)

Whiting Milk Company.

Wills-Jones.

Correspondence (1913-1917)

Wilson, 8.S. (Br.)

Correspondence (1933-1952)

Windham County Farmer's Association.

Correspondence (1926-1928)

CEN speaks at annual meeting, November 10, 1926.

Winnipeg, Canada. Dept. of Agriculture and Immigration.

Correspondence (1922-1923)

Wisner Manufacturing Company.

Correspondence (1914-1923)

Pasteurizing equipment.

Woodward, William C. (Dr.).

Correspondence (1925-1950)

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Correspondence (1913-1922)

Drawer 15-9

Woolf Laboratories, Incorporated

Correspondence (1918-1919)

Woolman, Edward W.

Correspondence (1912-1921)

Supplee-Wells-Jones

Worcester, Mass. Department of Health.

Correspondence (1936)

Worden, R.F. and Sons.

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Y Miscellaneous correspondence

Yami Yogurt Products, Inc. Cultures of lactic acid bacteria; general discussion of business enterprise.

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York Ice Machinery Corporation.

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Zentay, P. J. (Dr.). Sanitation of Ceptified milk.

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Bacteria Counts. Correspondence (1955)

Quality Control Board. Correspondence (1954)

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Correspondence (1941)

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Correspondence (1939)

Correspondence (April to December, 1938)

- 4

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Correspondence	(July to December, 1933)
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Correspondence	(1932)
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Correspondence (1929)

### Drawer 16-4

Correspondence (July to December, 1928)

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Correspondence (1914)

# Abbotts Alderney Dairies, Incorporated.

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Abbotts Daires, Inc.- Bonney-Route Statistics (1936)

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Abbotts Dairies Inc .- Cream Volumestudies (1936)

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Abbotts Dairies, Inc.- Dehydrated Milk Fat- Correspondence (1944-1948)

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Abbotts Dairies, Inc.- Eaton, Anna K. (Mrs.)- Forty years service- (1953)

Abbotts Dairies, Inc.- Fermentation tests, 1933-1955

Abbotts Dairies Inc.- Freeman, J. Stuart (Patent Attorney) correspondence (1942-1946)

Abbotts Dairies, Inc .- Grade A Milk- charts

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Abbotts Dairies, Inc. "Grade A Milk, Origin of"- article by CEN, Dec.4, 1944

Abbotts Dairies, Inc.- History (1946-1951)

Abbotts Dairies, Inc.- Ice Cream (AMA Label) correspondence (1947-1945)

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Abbotts Dairies, Inc.- Inspections, Dairy Farm- Memo by CEN, Agu. 24, 1944

Abbotts Dairies Inc.- Inspectors school- Oxford (includes Outline of workby CEN- Sept. 11, 1934)

Abbotts Dairies, Inc.- Irradiated V-D Milk Brief by CEN- March 27, 1934

Abbotts Dairies, Inc.- Milk- Applications- New York City; New York State; Port Allegany, Pa.- correspondence (1950-1951)

Abbotts Dairies, Inc.- Milk "achinery, inspections of (notes by CEN, March 22, 1938)

Abbotts Dairies, Inc.- Milk Sales Letters (CEN) (1931-1935)

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AbbottsDairies, Inc.- Official's and worker's parade- butter making-Atlantic City- ca. 1923- photographs

Abbotts Dairies, Inc .- Oxford, Kelton, Curry and Soshen-Report on 1932

Abbotts Dairies, Inc.- Pasturizing equipment, survey of (Report by CEN) Aug. 5, 6, 1930)

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Abbotts Dairies, Inc.- Philadelphia interstate reports (1933)

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Abbotts Dairies Inc.- Plate counts (1914-1942)

Abbotts Dairies, Inc .- Presentation of plaque to CEN (Birmingham) and letter.

Abbotts Dairies, Inc.- Publicity- Advertisements (1939) - 1952)

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Bridgeton and Atlantic City

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Drawer 18-3
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Drawer 18-4

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Drawer 18-5
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-4

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Drawer 18-6
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Drawer 18-7
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Drawer 18-8
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Drawer 18-9
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Kelton

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Kelton

Bacteriological Reports (1931)

Abbotts Dairies, Inc.

Kelton

Bacteriological Reports (1930)

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Drawer 19-1
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Kelton

Bacteriological Reports (1929)

Abbotts Dairies, Inc.

Kelton

Bacteriological Reports (1927-1928)

Abbotts Dairies, Inc.

Kelton

Bacteriological Reports (1926)

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Bacteriological Reports (1925)

Abbotts Dairies Inc.

Kelton

Bacteriological Reports (1922-1924)

A.

Abbotts Dairies, Inc.

Kelton

Bacteriological Reports (1920)

Abbotts Dairies Inc.

Kemblesville

Bacteriological Reports (1924-1925)

Oxford-Kelton-

Photographs (1914-1915)

Abbotts Dairies, Inc.

Oxford-Kelton-Goshen

Survey of Grade A Shipping Stations, May 1, 1934

Harry

Abbotts Dairies, Inc.

Oxford

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Abbotts Dairies, Inc.

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Bacteriological Reports (1934)

Abbotts Dairies, Inc.

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Bacteriological Reports (1933)

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Bacteriological Reports (1932)

Abbotts Dairies, Inc.

Oxford

Bacteriological Reports (1931)

Abbotts Dairies, Inc.

Oxford

Bacteriological Reports (1930)

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Drewer 19-4
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Abbotts Dairies, Inc.

Oxford

Bacteriological Reports (1927-1928)

Abbotts Dairies, Inc.

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Bacteriological Reports (1926)

Abbotts Dairies, Inc.

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Bacteriological Reports (1925)

Abbotts Dairies, Inc.

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Bacteriological Reports (1922-1924)

A.

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Oxford

Bacteriological Reports (1920)

Salem

Bacteriological Reports (1925)

Abbotts Dairies, Inc.

Taughkenamon

Bacteriological Reports (1930)

Abbotts Dairies, Inc.

Toughkenamon

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Borden Company.

Correspondence (1941-1949)

Borden Company.

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1. J.

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Correspondence (1936)

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Publicity - Articles, Advertisements (1937-1951)

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Dairy and Ice Cream - correspondence (1936)

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Toronto, Canada

Correspondence (1936)

Borden Salma Company.

Correspondence (1923-1926)

Borden's Farm Products Company.

Correspondence (1938-1940)

Grade A Milk Association

Borden's Farm Products Company.

Correspondence (1926-1946)

Borden's Farm Products Company.

Correspondence (1929-1935)

Borden's Farm Products Company

Correspondence (1925-1928)

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Drawer 20-3
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Correspondence (1924)

Borden's Farm Products Company.

Correspondence (1922-1923)

Borden's Farm Products Company.

Correspondence (1919-1921)

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Borden's Farm Products Company.

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Borden's Farm Products Company.

Cost Surveys

Country Bottling Plants (1921)

Borden's Farm Products Company.

Cost Surveys

Country plants

Borden's Farm Products Company.

Cost Surveys

Country plants - Reports (1920-1921)

Drawer 20-4

Borden's Farm Products Company.

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Country plants - Reports and work sheets (1920)

Borden's Farm Products Company.

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Country plants - Reports and work sheets (1921)

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Rupp Test

(Chlorine) report (1924)

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Homer, N.Y.

Plate Counts (1925-1926)

Borden's Farm Products Company.

Papakating, #.J.

Correspondence (1920)

Drawer 20-7

Borden's Farm Products Company.

Oxford, N.Y.

Correspondence (1917)

Borden's Farm Products Company.

Shekomeko, N.Y.

Correspondence (1925-1926)

Borden's Farm Products Company.

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Plate Counts (1925-1926)

Borden's Farm Products of New Jersey, Inc.

Correspondence (1937-1940)

Bryant and Chapman Company.

Correspondence (1920-1936)

Bryant and Chapman Company

Cost Survey

Report CEN (1921)

Budd Dairy Company.

Correspondence (1923-1924)

Budd Dairy Company.

Correspondence and contract (1922)

Budd Dairy Company.

Correspondence (1919-1921)

Budd Dairy Company.

Cost Survey (1920)

Budd Dairy Company.

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Budd Dairy Company.

Plate Counts (1922-1924)

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Budd Dairy Company.

Survey [1920]

Castanea Dairy Company.

Correspondence (1930)

Castanea Dairy Company.

Correspondence (1925-1929)

Castanea Dairy Company.

Correspondence (1924)

Castanea Dairy Company.

Correspondence (1922-1923)

Castanea Dairy Company.

Correspondence (1920-1922)

Castanea Dairy Company.

Correspondence (1919-1921)

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Castanea Dairy Company.

(A. M. Woodward)

Correspondence (1936)

Castanea Dairy Company.

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Castanea Dairy Company.

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Bacteriological Reports (1920-1923)

Castanea Dairy Company.

Bacteriological Reports (1922)

Castanea Dairy Company.

Bottle and Can Washer - Survey

Report CEN (1928)

Castanea Dairy Company.

Four and Five Tank System

Report CEN (1930)

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Photographs

Castanea Dairy Company.

Plant survey, Report CEN (1928)

Castanea Dairy Company.

Publicity - Advertisements (1924-1925)

Castanea Dairy Company.

Report and Survey work sheets (1924)

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Chapman Dairy Company.

Correspondence (1923-1921)

Chapman Dairy Company.

Survey Data (1920)

City Dairy Company.

Survey Tables (1919-1920)

City Dairy Company.

Survey work sheets (1919-1920)

Clover Farms Company.

Correspondence (1915-1925)

Correspondence (1923)

Clover Farms Company.

Correspondence (1922-1923)

Clover Farms Company.

Correspondence/miscellaneous (1921)

Clover Farms Company.

Correspondence/miscellaneous (1919-1920)

Clover Farms Company.

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Clover Farms Company.

Bacteriological reports - 47th Street plant (1923)

Clover Farms Company.

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47th Street plant (1917-1922)

Clover Farms Company.

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128th Street plant (1924)

Bacteriological Reports

131 Street plant (1913-1915)

Clover Farms Company.

Costs Survey

Report (1920)

Clover Farms Company.

Costs Survey

Work Sheets (1920)

Clover Farms Company.

Machinery - photographs (1922)

Clover Farms Company.

Afton, N.Y.

Bacteriological Reports (1920-1922)

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Afton, N.Y.

Bacteriological Reports (1917-1919)

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Blodgett Mills, N.Y.

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Homer, N.Y.

Bacteriological Reports (1924)

Clover Farms Company.

Homer, N.Y.

Bacteriological Reports (1923)

Clover Farms Company.

Homer, N.Y.

Bacteriological Reports (1921-1922)

Clover Farms Company.

Homer, N.Y.

Bacteriological Reports (1918-1920)

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Homer, N.Y.

Miscellaneous data

Clover Farms Company.

Homer, Scott and Spafford

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Clover Farms Company.

Lawson, N.Y.

Bacteriological Reports (1917-1918)

Preble, N.Y.

Bacteriological Reports (1916-1920)

Clover Farms Company.

Scott and Spafford, N.Y.

Bacteriological Reports (1919-1921)

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Shekomeko, N.Y.

Bacteriological Reports (1921-1922)

Clover Farms Company.

Shekomeko, N.Y.

Bacteriological Reports (1917-1920)

Clover Farms Company.

Shekomeko - Preble, N.Y.

Bacteriological Reports (1924-1925)

Clover Farms Company.

Shekomeko - Preble, N.Y.

Bacteriological Reports (1922-1923)

Clover Farms Company.

Solon, N.Y.

Bacteriological Reports (1917-1922)

Correspondence (1961)

Creamery Package Mfg. Co.

Correspondence (1960)

Creamery Package Mfg. Co.

Correspondence (1958)

Creamery Package Mfg. Co.

Correspondence (1956)

Creamery Package Mfg. Co.

Correspondence (1950-1955)

Creamery Package Mfg.Co.

Correspondence (1948-1952)

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Creamery Package Mfg. Co.

Correspondence (1950)

Creamery Package Mfg. Co.

Correspondence (1947-1949)

Creamery Package Mfg. Co.

Correspondence (1944-1946)

Correspondence (1941-1943)

Creamery Package Mfg. Co.

Correspondence (1939-1940)

Creamery Package Mfg. Co.

Correspondence (1938)

Creamery Package Mfg. Co.

Correspondence (1933-1937)

Creamery Package Mfg. Co.

Correspondence (1936)

Creamery Package Mfg. Co.

Correspondence (1935)

Creamery Package Mfg. Co.

Correspondence (1933)

Creamery Package Mfg. Co.

Correspondence (1932)

Creamery Package Mfg. Co.

Correspondence (1931)

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Drawer 22-3
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Correspondence (1930)

Creamery Package Mfg. Co.

Correspondence (1929)

Creamery Package Mfg. Co.

Correspondence (1928)

Creamery Package Mfg. Co.

Correspondence (1927)

Creamery Package Mfg. Co.

Correspondence (1925-1926) (also contains miscellaneous data)

Creamery Package Mfg. Co.

Correspondence (1912-1922) (also contains miscellaneous data)

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1937-1941)

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1935-1936)

(H. S. Dixon)

Correspondence (1933-1934)

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1932)

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1931-1932)

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1930 and 1937)

A.

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1929)

Creamery Package Mfg. Co.

(H. S. Dixon)

Correspondence (1927-1928)

Creamery Package Mfg. Co.

(G. E. Wallis)

Correspondence (1940)

(G. E. Wallis)

Correspondence (1932-1934)

Creamery Package Mfg. Co.

(G. E. Wallis)

Correspondence (1930-1931)

Creamery Package Mfg. Co.

(George W. Putnam)

Correspondence (1928-1937)

Atlantic and Pacific Tea Co.

Plans (1930)

Creamery Package Mfg. Co.

Bottle Washers

Report by CEN - Jan. 30, 1929

Creamery Package Mfg. Co.

Cameron Creamery Receiving Room

(Abbotts Dairies) (1928) Blueprints

£ 1,

Creamery Package Mfg. Co.

Can Washers

(1926-1937)

Creamery Package Mfg. Co.

Can Washer - hydraulic

Reports by CEN (1929)

Creamery Package Mfg. Co.

Can Washers - hydraulic (1929)

Creamery Package Mfg. Co.

Can Washers - straightwway (1929)

Can Washing

North Public Health Bureau (1926)

Creamery Package Mfg. Co.

Case Washers - blueprints (1932-1933)

Creamery Package Mfg. Co.

Conferences, Reports on (CEN) (1930-1931)

Creamery Package Mfg. Co.

Continuous churn (1937-1939)

Creamery Package Mfg. Co.

Continuous churn (drawings) (1924-1943)

Creamery Package Mfg. Co.

Continuous churn

Miscellaneous data (1915-1941)

Creamery Package Mfg. Co.

Continuous churn - tests (1937)

Creamery Package Mfg. Co.

Contract dated (1926-1931)

Cream pasteurizer

Notes and drawings (1940)

Creamery Package Mfg. Co.

Direct Expansion Agitator (1927-1928)

Creamery Package Mfg. Co.

Economy heater and holder (1928-1929)

Creamery Package Mfg. Co.

Economy vat (1927)

Creamery Package Mfg. Co.

Electropure (1927-1931)

Creamery Package Mfg. Co.

Enochs note books (1927-1929)

Creamery Package Mfg. Co.

Estimates and blueprints (1930-1942)

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Creamery Package Mfg. Co.

Farm sterilizers - drawings (1935-1938)

Creamery Package Mfg. Co.

Farm sterilizers - experiments by CEN (1931)

Farm Sterilizers - experiments by CEN (1921-1931)

A.

Creamery Package Mfg. Co.

Farm sterilizers - miscellaneous data

Creamery Package Mfg. Co.

Farm Sterilizers

Reports by CEN (1935-1936)

Creamery Package Mfg. Co.

Farm Sterilizers

Steam sterilizer (1938-1939)

Creamery Package Mfg. Co.

Feins-preheater tests (1930)

Creamery Package Mfg. Co.

Filters (1927-1929)

Creamery Package Mfg. Co.

Foam tests (1927-1929)

Creamery Package Mfg. Co.

Fort Atkinson

Note books (Larner & Wolff)

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Drawer 23-5
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Creamery Package Mfg. Co.

Four-in-one laboratory units (1937)

Creamery Package Mfg. Co.
General Ice Cream Co.

Correspondence (1930)

Creamery Package Mfg. Co.
Heater box (1935)

Creamery Package Mfg. Co.
Heater Box

Memo and original data (1928-1929)

Creamery Package Mfg. Co.
Heaters (triple tube)

blueprints (1928)

Creamery Package Mfg. Co.

Holder, glass-lined - automatic valves (1926)

irk :

Creamery Package Mfg. Co.
Holder, glass-lined

(improved with plug valves) (1929)

Creamery Package Mfg. Co.

Holder, glass-lined

Ft. Atkinson (Photographs) (1926)

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Drawer 23-6
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Holder - Helix (tests - specifications) (1927-1931)

Creamery Package Mfg. Co.

Holder system

Ft. Atkinson - laboratory tests (1926-1927)

Creamery Package Mfg. Co.

Holder system of Pasteurizing

Report by CEN (1926)

Creamery Package Mfg. Co.

Holder tanks

(Automatic washer & sterilizer) (1929-1932)

Creamery Package Mfg. Co.

Homogenizer, small (1932)

Creamery Package Mfg. Co.

Hot water heating unit (North Patent) (1927-1929)

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Creamery Package Mfg. Co.

Ice Cream

Electrical tests (1927-1929)

Creamery Package Mfg. Co.

Ice Cream

General (1927)

Leak protector valves (1935)

Creamery Package Mfg. Co.

Lithocote (1937)

Creamery Package Mfg. Co.

Metals (1930)

Creamery Package Mfg. Co.

Metals, corrosion (original data) (1927-1929)

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Creamery Package Mfg. Co.

Metals, corrosion

Reports by CEN (1927-1930)

Creamery Package Mfg. Co.

Metals, corrosion - tests

Reports by CEN (1930)

Creamery Package Mfg. Co.

Metals, corrosion - tests (extra tables)

Creamery Package Mfg. Co.

Metals, corrosion - tests

Correspondence (1925-1931)

Milk Oil -

Pevely Dairy - St. Louis, Mo. (1946-1950)

Creamery Package Mfg. Co.

Milk Oil Corp.

Storage Machinery (1942-1945)

Creamery Package Mfg. Col

Milk plants, efficiency (1927-1929)

Creamery Package Mfg. Co.

"Milk Station on Wheels"

Memo by CEN (1932)

Creamery Package Mfg. Co.

Milking pails, covered (1931)

Creamery Package Mfg. Co.

Miscellaneous references cross-indexed to October, 1927 - 1931

-4

Creamery Package Mfg. Co.

Miscellaneous reports (1927)

Creamery Package Mfg. Co.

Monthly meetings

dates and programs (1930-1931)

Monthly reports (1928-1929)

Creamery Package Mfg. Co.

Monthly reports (1927)

Creamery Package Mfg. Co.

Monthly reports (Godfrey) (1928)

Creamery Package Mfg. Co.

Nickel and Flavor

(Thompson Dairy, Washington, D.C.) (1928)

Creamery Package Mfg. Co.

North thermometer (Bourne) (1884-1928)

Creamery Package Mfg. Co.

North Valveless holder

Oridley Yundt Interference (1927-1930)

Creamery Package Mfg. Co.

North Valveless holder

Meyer interference (1928-1932)

Creamery Package Mfg. Co.

North Valveless holder - Meyer interference (1931) (1931-1932)

1. J.

North Valveless Holder (1927-1933)

Creamery Package Mfg. Co.

Oakhurst Dairy - Portland, Maine (1932)

Creamery Package Mfg. Co.

Pasteurizer, Operation of (Fort Atkinson)

Report CEN (1926)

Creamery Package Mfg. Co.

Pasteurizers, small (1915-1930)

Creamery Package Mfg. Co.

Pasteurizers, small (1929-1930)

Creamery Package Mfg. Co.

Pasteurizers, Three-Four-Five tanks (1930)

Creamery Package Mfg. Co.

Pasteurizers (North) (1928-1929)

Creamery Package Mfg. Co.

Pasteurization, Flash (1928-1932)

Creamery Package Mfg. Co.

Pasteurization - general (1927-1929)

Creamery Package Mfg. Co.

Pasteurization

Pasteurization

High temperature - short time (1928-1937)

Creamery Package Mfg. Co.

Pasteurization

Time-temperature chart (1930)

Creamery Package Mfg. Co.

Pasteurisation

Two-flash tests by CEN (1923-1937)

Creamery Package Mfg. Co.

Pasteurization of tuberculous milk (1881-1925)

Creamery Package Mfg. Co.

Pevely Dairy

Correspondence (1931)

Precision Heater

Correspondence (19288)

Creamery Package Mfg. Co.

Precision Heater - double tube (1928-1929)

Creamery Package Mfg. Co.

Prepision Heater - general

Ice Cream Corp. (1930)

Creamery Package Mfg. Co.

Precision Heater - Spray

(Godfrey) (1927)

Creamery Package Mfg. Co.

Precision Heater - (Three stages) (1931)

Creamery Package Mfg. Co.

Precision Heater - demonstration

Derby (1928-1931)

Creamery Package Mfg. Co.

Precision Heater - demonstration

Derby (1927)

Precision Heater - tests

Derby (1930)

Creamery Package Mfg. Co.

Precision Heater - (Tandem) tests

Derby (1928-1930)

Creamery Package Mfg. Co.

Precision Heater (Tendem) tests

Derby (Feb. - Sept. 1928)

Creamery Package Mfg. Co.

Precision Heater (double tube) tests

Ft. Atkinson (1926-1928)

Creamery Package Mfg. Co.

Precision Heater - tests - H. P. Hood, Co.

-4

Providence, R. I. (1929-1931)

Creamery Package Mfg. Co.

Programs (1927-1929)

Creamery Package Mfg. Co.

Prucha tests, reports (1926)

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Drawer 24-3
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Publicity - advertisements

Creamery Package Mfg. Co.

Record of Services (1912-1960)

Creamery Package Mfg. Co.

Record of Services (1942)

Creamery Package Mfg. Co.

Record of Services (1927-1960)

Creamery Package Mfg. Co.

Refrigerating unit (1933)

Creamery Package Mfg. Co.

Regenerators and coolers - (external and internal) (1927)

Creamery Package Mfg. Co.

Richmond Dairy Co. (1933)

Creamery Package Mfg. Co.

Research Committee (1930)

Creamery Package Mfg. Co.

Sealed Containers Corp.

Correspondence (1929-1932)

Sediment testers (1927)

Creamery Package Mfg. Co.

Service Dept. (1930)

Creamery Package Mfg. Co.

Sheffield Farms (1930-1935)

Creamery Package Mfg. Co.

Soft ourd milk (1935)

Creamery Package Mfg. Co.

Superascolor (notes on stainless steel) (1927)

Creamery Package Mfg. Co.

Superascolor vs. Nickel - Report (1927-1929)

Creamery Package Mfg. Co.

Temperature regulators (1928-1929)

Creamery Package Mfg. Co.

Thermometer (North-Larner) (1926-1931)

Creamery Package Mfg. Co.

Thermometer - precision (1928-1937)

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Drawer 24-5
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Turner-Centre (Lynn Pasteurizer - can washers) (1927-1929)

Creamery Package Mfg. Co.

Vaccum process (HiVac) (1932-1937)

Creamery Package Mfg. Co.

Valves (Automatic springs for piston plug) (1930-1931)

Creamery Package Mfg. Co.

Viscosity (1932-1933)

Creamery Package Mfg. Co.

Vitamin D - Irradiated Milk Consumer Education (1933)

-4

Creamery Package Mfg. Co.

Vitamin D - Irradiated Milk (1932-1933)

Creamery Package Mfg. Co.

Vitamin D - Irradiated Milk (1927-1931)

Creamery Package Mfg. Co.

Vitamin D - Irradiation

Correspondence (1933-1934)

Creamery Package Mfg. Co.

Washing Powder - alkali (1927)

Water box for heating plug valves
Sketch by CEN (1929)

Creamery Package Mfg. Co.

Wizard vats - stuffing boxes (1931-1935)

Creamery Package Mfg. Co.

Tests on can washers (in portfolio)
Ft. Atkinson (1929)

Creamery Package Mfg. Co.

Pasteurizing tests with TB - Ft. Atkinson (Guinea pig records) journal book (1926)

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DeLaval Separator Company.

Correspondence (1948-1961)

DeLaval Separator Company.

Correspondence (1945-1953)

DeLaval Separator Company.

Correspondence (1943-1950)

DeLaval Separator Company.

Correspondence (1937-1943)

DeLaval Separator Company.

Correspondence (1931-1936)

DeLaval Separator Company.

Correspondence (1927-1930)

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DeLaval Separator Ocmpany.

Correspondence (1923-1926)

Delaval Separator Company.

Correspondence (1918-1922)

DeLaval Separator Company.

Correspondence (1916-1917)

DeLaval Separator Company.

Clarification of Milk (references) (1916)

DeLaval Separator Company.

Clarification, studies of (May-June 1938)

DeLaval Separator Company.

Clarifier No. 166

Study by CEN (1916-1937)

DeLaval Separator Company.

Cream separator vs. fat extractor memo (1925)

DeLaval Separator Company.

Disinfectants for machine oils - reports (1918-1920)

DeLaval Separator Company.

Exhibit at Public Health Exposition

Photographs (1923)

DeLaval Separator Company.

Milk Oil apparatus drawings (1924-1948)

Delaval Separator Company.

Milk Oil reports (1942-1950)

DeLaval Separator Company.

Miscellaneous data

Delaval Separator Company.

Skim milk powder

Photographs (2943-1944)

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  Correspondence (1947-1960)
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  Correspondence (1936-1946)

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  Correspondence (1935)
- H. P. Hood and Sons, Inc.
  Correspondence (1934)
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  Correspondence (1933)
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  Correspondence (1932)
- H. P. Hood and Sons, Inc.

  Correspondence (1931)
- H. P. Hood and Sons, Inc.

  Correspondence (1930)

- H. P. Hood and Sons, Inc.

  Correspondence (1929)
- H. P. Hood and Sons, Inc.

  Correspondence (1922-1928)
- H. P. Hood and Sons, Inc.

  Correspondence (1912-1921)
- H. P. Hood and Sons, Inc.
  Clonaris (1931)
- H. P. Hood and Sons, Inc.

  Cream volume study

  International Association of Milk Dealers (1927-1928)
- H. P. Hood and Sons, Inc.

  Grade A Milk Assn.

  Correspondence (1938-1939)
- H. P. Hood and Sons, Inc.
  Holder tests (1931)
- H. P. Hood and Sons, Inc.
  Memoranda CEN (1931-1935)

- H. P. Hood and Sons, Inc.

  Memoranda CEN (1929-1930)
- H. P. Hood and Sons, Inc.
  Miscellaneous data
- H. P. Hood and Sons, Inc.

  Plate counts (1930-1932)
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  Publicity Advertisements (1927-1936)
- H. P. Hood and Sons, Inc.
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  Sales Manual (1933)
- H. P. Hood and Sons, Inc.

  Charlestown plant, Survey of Pasteurising equipment (1934)

-4.

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- H. P. Hood and Sons, Inc.

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H. P. Hood and Sons, Inc.

Cherry Hill Farm! Mass.

Milking Parlor (1941)

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Eagle Bridge, N.Y.

Report on tests (1930)

H. P. Hood and Sons, Inc.

Fairfield Vt.

Tests on can washer (1930)

H. P. Hood and Sons, Inc.

Forest Hills plant

Survey of pasteurizing equipment (1930)

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H. P. Hood and Sons, Inc.

Providence, R. I.

Correspondence (1934-1936)

H. P. Hood and Sons, Inc.

Providence, R.I.

Survey of Plants (1930)

H. P. Hood and Sons, Inc.

Providence, R.I.

Tests on precision heater (Drawings) (1930)

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Drawer 26-1
```

Kremko Co.

Correspondence (1927-1952)

Kremko Co.

Correspondence (1932-1935)

Kremko Co.

Correspondence (1927-1931)

Kremko Co.

Correspondence (1926)

Kremko Co.

(Dairy Drink Co.)

Correspondence (1925)

Kremko Co.

Chicago Laboratory Record (1926)

E.

Kremko Co.

Cocoa Milk experiments

(Lab notes) (1925-1931)

Kremko Co.

Equipment (1926)

```
Drawer 26-2
 Kremko Co.
      Kelley and Kremko vs. Heyman Process Corp.
 Kremko Co.
      Kelley and Kremko vs. Heyman Process Corp.
      (Wilkinson, Huxley, Byron and Knight) (1927-1933)
Kremko Co.
     Miscellaneous data
Kremko Co.
     Pickman data (1916)
Kramko Co.
     (Bourne, T. F.)
     Correspondence (1927-1932)
Kremko Co.
     (Bourne, T. F.)
     Correspondence (1926)
Kremko Co.
     (Bourne, T. F.)
     Correspondence (1925)
Kremko Co.
     (Byron, Charles L.)
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Correspondence (1927-1933)

```
Drawer 26-3
```

Kremko Co.

Byron data re: Davis patent (1911-1927)

New Haven Dairy Co.

Correspondence (1912-1922)

New Haven Dairy Co.

Epidemic - original data (1921)

New Haven Dairy Co.

Epidemic (1921)

North Milk Industries, Inc.

Agreement (Blagden, Thomas)

North Milk Industries, Inc.

Prospectus

Pevely Dairy Co.

Correspondence (1937-1956)

Pevely Dairy Co.

Correspondence (1935-1936)

Pevely Dairy Co.

Correspondence (1934)

```
Drawer 26-L
```

Pevely Dairy Co.

Correspondence (1933)

Pevely Dairy Co.

Correspondence (1932)

Pevely Dairy Co.

Correspondence (Jan. - June 1931)

Pevely Dairy Co.

Correspondence (July - Dec. 1931)

Pevely Dairy Co.

Correspondence (1917-1930)

Pevely Dairy Co.

B. Welchii, Research on (Mertland) (1933-1934)

Pevely Dairy Co.

Brain broth tests (May 1933)

Pevely Dairy Co.

Can washers (St. Louis plant)

Report CEN (Oct. 1931)

Pevely Dairy Co.

Cestified Milk, Survey

Report CEN (August 1931)

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Drawer 27-1
```

Pevely Dairy Co.

Country plants - raw milk sapply, Survey
Report (CEN) (April - May 1931)

Pevely Dairy Co.

Mastitia, report

(Original data sheets) [1]

Pevely Dairy Co.

Mastitis, report

(Original data sheets) (II)

Pevely Dairy Co.

Mastitis Research, Index

Pevely Dairy Co.

Milk strike data (1931)

Pevely Dairy Co.

Miscellaneous data

Pevely Dairy Co.

Pasteurizing equipment, Survey of

Report (CEN) (Feb. - March 1931)

Pevely Dairy Co.

Milk Plants and Farms - Inspection of Report (CEN) (June - July 1931)

Pevely Dairy Co.

Proteolytic Tests (1933-1934)

Pevely Dairy Co.

Publicity - Advertisements

Pevely Dairy Co.

Tabulations, correction sheets, etc.

1

Sheffield Farms Co., Inc.

Correspondence (1938-1953)

Sheffield Farms Co., Inc.

Correspondence (1937)

Sheffield Farms Co., Inc.

Correspondence (1935-1936)

Sheffield Farms Co., Inc.

Correspondence (1934)

Sheffield Farms Co., Inc.

Correspondence (1933)

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Correspondence (1930-1932)

Sheffield Farms Co., Inc.

Correspondence (1925-1929)

Sheffield Farms Co., Inc.

Correspondence (1911-1924)

Sheffield Farms Co., Inc.

Bacteriological examinations (1907-1908)

-4

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Burrell Simplex pasteurizer tests

(CEN) (1928)

Sheffield Farms Co., Inc.

Grade A Milk Association

Correspondence (1938-1940)

Sheffield Farms Co., Inc.

Laboratory Record (1907)

Sheffield Farms Co., Inc.

Photographs (1936)

Sheffield Farms Co., Inc.

Publicity - Advertisements

Correspondence (1932-1935)

Turner Centee System.

Correspondence (1930-1931)

Turner Centre System.

Correspondence (1929)

Turner Centse System.

Correspondence (1928)

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Correspondence (1925-1927)

Turner Centre System.

Correspondence (1915-1923)

Turner Centre System.

Auburn, Inspection and Tests Report (CEN) (1927)

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Turner Centre System.

Charlestown - Butterfat losses, Survey (CEN) (1927-1928)

Charlestown - Plant Survey

Report (April, Aug., Nov. 1928)

Turner Centre System.

Charlestown, Lowell, Lynn - Plants, Inspection and Tests
Report (CEN) (1929)

Turner Centre System.

Charlestown, Lynn, Providence Bottle and Can Washers - Survey (CEN) (1928)

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Charlestown, Portland, Inspection and Tests
Report (CEN) (1927)

Turner Centre System.

Farmington - Inspection of Plant

Report (CEN) (1928)

Turner Centre System.

Lowell - Inspection and Tests

Report (CEN) (1927)

Turner Centre System.

Lowell, St. Johnsbury, McIndoes - Reports
(CEN) (1929)

Lynn, Inspection and Tests

Report (CEN) (1927)

Turner Centre System.

Lynn - Plant operation

Survey (1928)

Turner Centre System.

Portland - Inspection and Tests

Report (CEN) (1927)

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Portland - Miscellaneous data

Turner Centre System.

Portland - Three glass-lined holders - operation

Report (CEN) (1930)

Turner Centre System.

Providence

Plant Survey (CEN) (1928)

Turner Centre System.

Providence

Inspection and Tests Report (CEN) (1927)

Providence, Charlestown, Lowell, Lynn, Portland Inspection and Tests Report (CEN) (1929)

Turner Centre System.

Sealcone - Glass Bottle Costs (1929)

Whiting Milk Co.

Correspondence (1935-1939)

Whiting Milk Co.

Correspondence (1929-1932)

Whiting Milk Co.

Correspondence (1928)

Whiting Milk Co.

Correspondence (1927)

Whiting Milk Co.

Correspondence (1926)

Whiting Milk Co.

Correspondence (1925)

Whiting Milk Co.

Correspondence (1923-1924)

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Whiting Milk Co.

Correspondence (1920-1922)

Whiting Milk Co.

Correspondence (1918-1919)

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Drawer 28-2
```

Whiting Milk Co.

Correspondence (1917)

Whiting Milk Co.

Correspondence (1914-1916)

Whiting Milk Co.

Bottle and Can Washers Survey - (five plants) (1928-1934)

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Whiting Milk Co.

Boston

Survey data (1920)

Whiting Milk Co.

Cambridge Survey Data (1920)

Whiting Milk Co.

Cambridge, Charlestown, Dorehester

Cost Surveys (1919)

Whiting Milk Co.

Dorchester Survey data (1920)

Whiting Milk Co.

Pasteurizers, Report (1925)

Drawer 28-3

Whiting Milk Co.

Plant surveys - Report (1929)

Whiting Milk Co.

Publicity - Advertisements (1926-1928)

Wisconsin Alumni Research Foundation.

Correspondence (1935-1952)

Wisconsin Alumni Research Foundation.

Correspondence (1934)

Wisconsin Alumni Research Foundation.

Correspondence (1933)

Wisconsin Alumni Research Foundation.

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Correspondence (1932)

Sealcones.

Cost Surveys Memoradum Uniform list Labor operations (1920)

Sealcones.

Summary tables

Sealcones.

Work sheets

```
Drawer 28-L
```

Sealcones.

Abbotts Dairies, Inc.
Comparison of costs, Report on (Dec. 7, 1929)

Sealcones.

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Sealcones.

Abbotts Dairies, Inc. - Man-hour summary of daily labor costs Memorandum and original data (1929)

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Abbotts Dairies, Inc. - Space Tables original data (1929)

Sealcones.

Abbotts Dairies, Inc. - Unit costs original data (1929)

Sealcones.

Abbotts Dairies, Inc. - Unit costs work sheets (1929)

Sealcones.

Abbotts Dairies, Inc. - Units - Man-hour - glass and paper (1929)

Sealcones.

Bronx plant original data (1929)

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Drawer 28-5
```

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Bronx plant unit costs (1929)

#### Sealcones.

Jacksonville plant cost records (1930)

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Milwaukee plant Drawings (1930)

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Milwaukse plant
Estimate of codts of equipment and operation, Report (1930)

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Milwaukee plant work sheets (1930)

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Orange Crush (Toronto) - cost survey of bottling and distribution Report and original data (1930)

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Turner Centre Comparison of costs of marketing milk in paper containers and glass bottles, Report (1929)

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Yore Bros. original data (1930)

Sealed Containers Corp.

Correspondence (1931-1934)

Sealed Containers Corp.

Correspondence (1930)

Sealed Containers Corp.

Correspondence (1929)

Sealed Containers Corp.

Contracts dated March 28, 1929 and May 6, 1930

Sealed Containers Corp.

Cost surveys - work sheets (1929)

Sealed Containers Corp.

Data assembled from previous surveys (1929)

Sealed Containers Corp.

Liquid Measures Laws, Report (1930)

Electro-pure process.

Digests of tests

Report (CEN) (1925)

Electro-pure process.

Miscellaneous data

Electro-pure process.

(National Dairy Products Corp.) Investigation

Report (CEN) (1925)

Electro-pure process.

Report of committee (Dec. 21, 1926)

Electro-pure process.

(Rieck-McJunkin Report)

electrical tests on pasteurizing, etc.

14

Electro-pure process.

Miscellaneous data

Kansas City, Mo.

Correspondence (1927-1938)

Kansas City, Mo.

Correspondence (1922-1925)

Kansas City, Mo.

Correspondence (July - Dec. 1921)

Kansas City, Mo.

Correspondence (Jan. 1920 - June 1921)

Kansas City, Mo.

Correspondence (1913-1930)

Kansas City, Mo.

Milk survey, Report of (1921)

Kansas City, Mo.

Notebook of clippings

Kansas City, Mo.

Photographs and clippings (1921)

24

Kansas City, Mo.

Photographs (unmounted)

Milk companies.

Cost survey (CEN) (1919)

Milk companies.

Cost survey - charts

```
Drawer 29-3
```

Milk companies.

Cost survey

Miscellaneous tables (1920)

Milk companies.

Cost survey

Summary tables (1921)

Missouri Dairy Co.

Cost survey

Report (CEN) (1920)

Bottle washers.

Survey (CEN) (1929)

Sales promotion.

Sales letters by CEN (1931)

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Drawer 30-1
```

Street and Finney.

Correspondence (1937-1952)

Street and Finney.

Correspondence (1936)

Street and Finney.

Correspondence (May - Dec. 1935)

Street and Finney.

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Street and Finney.

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14

Street and Finney.

Correspondence (1918-1926)

Street and Finney.

Correspondence re: Whey (1935-1936)

Street and Finney.

(Anna P. North) (1934-1935)

Street and Finney.

Carter's Little Liver Pills

Correspondence (1935)

Street and Finney.

Carter's Little Liver Pills

References and abstracts

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Chewing gum (1935)

Street and Finney.

Contract and correspondence (1934-1935)

1. Sec. 1.

Street and Finney.

Copyrights (1934-1935)

Street and Finney.

Face creams (1934-1935)

Street and Finney.

Heller-Craig Milk ms (1935)

Street and Finney.

Liver Radio Talks

Drawer 30-3

Street and Finney.

"Marmola" (1935)

Street and Finney.

Milk Records

Notes - Mss (1934-1935)

Street and Finney.

Milk, Sale of

State of New York

Street and Finney.

"Mineralava" (1935)

Street and Finney.

Placidan (1935)

Street and Finney.

Proofs (1934)

Street and Finney.

Radio talks - Irradiated milk

-4-

(Abbotts) (1935)

Street and Finney.

Radio talks - Irradiated milk

Office copies (1937)

Drawer 30-4

Street and Finney.

Radio talks - (revised) (1934-1935)

Street and Finney.

Reading Notices (1935)

Street and Finney.

Text books on matieria medica (1935)

~4 j

Street and Finney.

Tobacco

General Expositions Co.

Correspondence (1923-1927)

General Expositions Co.

Correspondence (1919-1922)

International Exposition Co.

Correspondence (1918)

Newark Health Exposition.

Correspondence (May 16, June 16, 1923)

Newark Health Exposition.

Correspondence (May 1-15, 1923)

Newark Health Exposition.

Correspondence (April 2 - 30th, 1923)

4

Newark Health Exposition.

Correspondence (Feb. - March 1923)

Newark Health Exposition.

(Craster, C. V., Dr.)

Correspondence (Feb. 1923 - Dec. 1929)

Newark Health Exposition.

Miscellaneous data (1923)

Newark Health Exposition.

New York Office

Correspondence (1923)

Newark Health Exposition.

Receipts (1923)

Newark Health Exposition.

Settlement of accounts (1923)

Newark Health Exposition.

Album of photos (1923)

New England Milk and Dairy Farm Exposition.

Correspondence (1918)

New England Milk and Dairy Farm Exposition.

.-4

Miscellaneous data (1918)

Public Health Exposition.

1918 - 1927 - Miscellaneous data

Public Health Exposition.

1921 - Album of photos

Public Health Exposition, 1923.

Correspondence

Public Health Exposition, 1923.

Correspondence (Dec. 16 - 30th, 1922)

Public Health Exposition, 1923.

Correspondence (Dec. 1 - 15th, 1922)

Public Health Exposition, 1923.

Correspondence (Nov. 1922)

Public Health Exposition, 1923.

Correspondence (Jan. - October 1922)

• 4

Public Health Exposition, 1923.

Clippings

Public Health Exposition, 1923.

Contracts for space

Public Health Exposition, 1923.

(Capeland, Royal S., Dr.)

Correspondence (1920-1922)

Public Health Exposition, 1923.

Floor plans (1-2-3 floors)

Public Health Exposition, 1923.

(Kohler, Charles L.)

Correspondence (1923-1927)

Drawer 31-4

Public Health Exposition, 1923.

List of exhibitors

Public Health Exposition, 1923.

Miscellaneous data

Public Health Exposition, 1923.

Program

Public Health Exposition, 1923.

Album of photos

Motion pictures.

Bookings, Reports (Bedea, Sue)

Motion pictures.

King Cole's Sound Service, Inc.

Correspondence (1940) re: "Here's to Health" and "Making the Grade"

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Motion pictures.

Modern Talking Picture Service, Inc.

Correspondence (1939-1940)

Motion pictures.

Motion Picture Bureau, YMCA.

Correspondence (1939-1940) (includes "Report to Grade A Milk Assn., Inc. - "Making the Grade" 6-8-39 to 6-8-40)

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Drawer 31-5
```

Motion pictures.

Sound Masters, Inc.

Correspondence (1938-1940)

Motion pictures.

Sound Masters, Inc.

Motion picture "Making the Grade" script (one reel film)

- 3

Radio talks.

Air

Radio talks.

Baby's digestion

Radio talks.

Bacteria

Radio talks.

Bacteria - effect on milk

Radio talks.

Bacteria in Air, Hay, Straw and Feed

Radio talks.

Bacteria in Manure, Soil and from Plants

Radio talks.

Butter

```
Drawer 31-6
```

Radio talks.

Casein and Albumin

Radio talks.

Chemistry of plant life

Radio talks.

Color of milk

Radio talks.

Cow's baby and milk

Radio talks.

The cow's sweetbreads

-i

Radio talks.

Cow's udder

Radio talks.

Food value of milk

Radio talks.

Lactose

Radio talks.

Milk fat

Drawer 31-7

Radio talks.

Milk salts

Radio talks.

Pasteur and Koch

Radio talks.

Records, notes and lists

Radio talks.

Sanitation and butterfat

Radio talks.

Skin reaftions - heat and cold

Radio talks.

Taste and Smell

Radio talks.

Water

Drawer 32-1

Motion picture films:

"Here's to Health and "Making the Grade"

Phonograph records:

Radio talks

Grade A Milk Assn.

Correspondence (1940-1944)

Grade A Milk Assn.

Correspondence (1938-1939)

Grade A Milk Assn.

Correspondence (Form letters) (1938-1940)

Grade A Milk Assn.

Hills paid (1940-1941)

Grade A Milk Assn.

Bills paid (1939)

Grade A Milk Assn.

Bills paid (1937-1938)

Grade A Milk Assn.

Board of Directors

Meetings (Minutes) (1939-1940)

Grade A Milk Assn.

Brief submitted to Health Officer, Newark, N.J. (1939)

Mary

Grade A Milk Assn.

Certificate of incorporation and by-laws

Grade A Milk Assn.

Educational Committee

Grade A Milk Assn.

Executive Committee

Meetings (Minutes) (1938-1940)

Grade A Milk Assn.

Financial statements (1938-1940)

Grade A Milk Assn.

Laboratory committee

Meeting notes (1938)

Grade A Milk Assn.

Mailing lists

Grade A Milk Assn.

Medical Milk Association of Metropolitan New York Correspondence (1940)

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Grade A Milk Assn.

Meetings (Minutes) (1938-1940)

Grade A Milk Essn.

Meetings (Annual) (Minutes) (1939-1940)

Grade A Milk Assn.

Membership - applications

Grade A Milk Assn.

Membership - Lists

Grade A Milk Assn.

Memo prepared for New York Academy of Medicine (Jan. 18, 1940)

Grade A Milk Assn.

(Mayer, Mrs. Oertrude S.)

Correspondence (1938-1940)

Grade A Milk Assn.

(Mayer, Mrs. Gertrude S.)

Reports to Board of Directors and Executive Committee

Grade A Milk Assn.

Miscellaneous data

Grade A Milk Assn.

Standards and Methods - Grade A Pasteurized Milk

Grade A Milk Assn.

Publicity

(Marbridge Printing Co. - 1939)

Grade A Milk Asan.

Survey - Grade A Milk (Carr Report)

Grade A Milk Producers Committee.

Correspondence (1939-1940)

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General principles, methods and standards

Grade A Milk Producers Committee.

Meetings (Minutes) (1940)

Grade A Milk Producers Committee.
Miscellaneous data

Grade A Milk Producers Committee.

New York City Board of Health

Correspondence (1938-1940)

Grade A Milk Producers Committee.

New York City Board of Health, Brief submitted

Grade A Milk Producers Committee.

Newspaper and magazine clippings

Grade A Milk Producers Committee.

Programs (1938)

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Programs (1937)

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Standards new (proposed amendments to sanitary code, 1940)

44.

Grade A Milk Producers Committee.

(Taylor, G. R. and Col, Inc.)

Correspondence and agreement (1939)

National Commission on Milk Standards.

Miscellaneous data

Drawer 34-1

Bacteriological & Epidemiological Studies of A & B Milk as sold in New York City.

Certified Milk.

Addresses and articles by CEN

Certified Milk.

American Association of Medical Milk Commissions

Certified Milk.

Miscellaneous data

DeLamar Institute of Public Health.

Columbia University - June 19, 1940

Bacteriological Studies A & B Milk as sold in New York City

Grade A Milk.

Articles by CEN

Grade A Milk.

Briefs by CEN entitled "Brief on Grade A Milk" (Oct. 12, 1937) and "Brief Survey of Grade A Milk" (Dec. 21, 1938)

. 4

Grade A Milk.

Definitions (1925-1926)

Grade A Milk.

General

```
Drawer 34-2
```

Grade A Milk.

"Grading of Milk in New York City."
(James E. Thomson)

Grade A Milk.

History (CEN)

Grade A Milk.

Lectures (CEN)

Grade A Milk.

Letters to dealers, doctors, etc.

Grade A Milk.

Mayor's committee on milk
Miscellaneous data

Grade A Milk.

Miscellaneous data (including addresses by CEN)

 $\mathcal{A}_{e_{i_{2}}}$ 

Grade A Milk.

North's Milk system

Grade A Milk.

Photographs (in envelope)

Drawer 34-3

Grade A Milk.

Photographs

Sick baby - well baby

Grade A Milk.

"Plan for defense of Grade A Milk" by CEN (1935)

Grade A Milk.

Publicity - cartoons

Grade A Milk.

Specifications for Grade A Milk (1927-1928)

A.

Grade A Milk.

Standards

Grade A Milk.

Sta tistics

Grade A Milk.

"What price milk?" by CEN

Grading of Milk.

Articles (CEN)

Grading of Milk.

Committee on Milk Quality

Report (1917)

Drawer 34-4

Grading of Milk.

"Grading of Milk sold in New York City"

Grading of Milk.

History (CEN)

Grading of Milk.

Miscellaneous data

Sanitary Milk Control.

Clean Milk Bulletin

Sanitary Milk Control.

Comparison of principles with standard milk ordinance of USPHS

Page

Sanitary Milk Control.

Consumer Education

Sanitary Milk Control.

Historical outline

(Geo. M. Kober, M.D.)

Sanitary Milk Control.

Kelly and Clement Market Milk

Sanitary Milk Control.

MacNutt-Aikman-Brooke (abstracts)

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Drawer 34-5
```

Sanitary Milk Control.

Memoranda by CEN

Sanitary Milk Control.

"Milestones in milk sanitation" by CEN

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Milk Research Council

"Psychological Factors influencing drinking of milk by adults."

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Miscellaneous data

Score Ortds.

Comparisons by CEN at Rockdale, N.Y. (1917)

Score Cards.

General

Score Cards.

Homer (1912)

```
Ice Cream.
     Reconstitution
Milk.
     Composition
Milk.
     Consumption
Milk.
    Cooling (relation of temperature to keeping quality)
Milk.
     Dehydrated
     Bibliography, CEN (December 29, 1941)
                                                     \mathcal{A}_{i_{1}}
Milk.
     Dehydrated (packaging)
Milk.
     Dehydrated (powdered)
     (includes Dry Skim Run-Poughkeepsie, June 14, 1944)
     (also memo for M. L. Isaacs (Dr.) - prepared by CEN
        Jan. 18, 1944)
Milk.
     Dried
     Vitamin assays
```

Drawer 35-1

```
Drawer 35-2
 Milk.
      Dried
      Report on North Dried Milk and Butter Oil processes
      (Australian Govt. Trade Commissioner)
Milk.
     Fresh, canned, concentrated
Milk.
     for Puerto Rico
     Report by CEN (November 25, 1942)
Milk.
     Frozen
Milk.
                                                   ~ i
     (Heineman abstracts)
Milk.
     Industry
     (Public ownership)
```

Milk.

Literature

(abstracts)

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Milk.
     Loose
     Digest of state and city ordinances (1927)
     (Extracts from letters)
Milk.
     Odors
Milk.
     Plants
Milk.
     Production (United States)
     Dairy products
Milk.
     Rancidity
Milk.
     Raymond process
Milk.
     Reconstituted -
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     American Milk Review, November 1942
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-4

Drawer 35-3

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Drawer 35-4
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Reconstituted

Article by CEN

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Milk.

Reconsitutued

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Reconstituted

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Reconstituted

Legislation - New York City

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Reconstituted

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Reconstituted

Miscellaneous data

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Milk.
     Reconstituted
     "War Milk"
     Brief written by CEN (August 12, 1942)
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     Reconstituted
     Avoset process
Milk.
     Relation to public health
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Milk.
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     Products, Inc.)
Milk.
     Ropy
Milk.
     Skim (dry)
     apparatus and powders - catalogs
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Brawer 35-5

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Drawer 35-6
Milk.
     Skim (fluid)
Milk.
     Serum Solids (terminology)
Milk.
     Standards
Milk.
    Stations, country
    Organization and equipment (1914)
Milk.
     Surplus
Milk.
     Whey
Milking.
     by hand
Milking.
     Machines
Milking.
    pails
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Drawer 35-7
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Butter churns

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Drawer 35-8

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Thermal death point and curves drawn in 1912

Pasteurization II.C.1

Pasteurization II.C.1

Thermal death point of tubercle bacilli

Thermal death point of typhoid bacillus

Pasteurization Pasteurization Pasteurization Pasteurization	II.C.3	Cream line Taste Bacteria surviving pasteurizationP Thermal death point, Chemical changes and fertilization
III. Requirements of me	sthods:	
Pasteurization Pasteurization Pasteurization III.AFlash:	III.	Requirement of method Methods - Early history Keeping qualities - Preservatives
Pasteurization	III.A.2 III.A.3 III.A.4 III.A.5 III.A.5	Regenerators by Alborn and Hildesheim Adoption of Flash in U.S. (Reig-Miller) Legislation against Flash abendonment Flash vs. holding
Pasteurization Pasteurization Pasteurization Pasteurization	III.B.1 III.B.2a III.B.2b	Holder-Monrad (1), (2), (3) Holder-North-Lederle (4) Digestibility ((1), (2), (3)) Holder suggested - North
III. B 3-4 holder:		
Pasteurization I Pasteurization I	III.B.4 III.B.4 III.B.46 III.B.46	Holder outlaws flash Pasteurized milk The holding method in modern practice ((1), (2)) Modern holders ((1), (2)) Modern methods of holding Cooling Thermometers

### Drawer 36-7

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Pasteurisation III. C. Comparison of machine types (general)
Pasteurisation III.C.1 (Methods) Efficiency of becterial destruction
Pasteurisation III.C.2 (Methods) Cream line-taste
Pasteurisation III.C.3 (Methods) Cost

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Pasteurization III.D. Future trend of pasteurization methods

Pasteurization III.D. (1), (2), (3) ) In the
bottle - home flash irradiation

Pasteurization III.D.4 New time and temperature charts

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Pasteurization IV.A.

Pasteurization IV.A.

Pasteurization IV.A.l

Pasteurization IV.A.l

Pasteurization IV.A.2

Pasteurization IV.A.2

Pasteurization IV.A.3

Pasteurization IV.A.3

Pasteurization IV.A.4

Pasteurization IV.A.4

Boiled milk

#### IV.B. Safety:

Pasteurization IV.B.

Pasteurization IV.B.

Pasteurization IV.B.2a

Pasteurization IV.B.2b

Pasteurization IV.B.2b

Pasteurization IV.B.2b

Pasteurization IV.B.2b

Pasteurization IV.B.2b

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Economics.
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Economics.
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Drawer 38-1

Drawer 38-2

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Drawer 38-3

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Drawer 39-1

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Legislation.

Arizona

Legislation.

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Legislation.

Baltimore, Maryland

Legislation.

Boston, Massachusetts

Fig.

Legislation.

California

Legislation.

Canada No. 1

Legislation.

Canada No. 2

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Drawer 39-2
```

Chicago, Illinois

Legislation.

Colorado

Legislation.

Connecticut

Legislation.

Delaware

Legislation.

District of Columbia

They

Legislation.

Florida

Legislation.

Georgia

Legislation.

Great Britain - General

Legislation.

Idaho

```
Drawer 39-3
```

Illinois

Legislation.

Indiana

Legislationl

Iowa

Legislation.

Jersey City, E. J. - No. 1

Legislation.

Jersey City, N. J. - No. 2

Legislation.

Jersey City, N. J. - No. 3

di,

Legislation.

Kansas City, Kansas

Legislation.

Kansas City, Missouri

Legislation.

Kansas (State)

```
Drawer 39-4
 Legislation.
      Kentucky
 Legislation.
     Louisiana
Legislation.
     Maine
Legislation.
     Maryland
Legislation.
     Massachusetts - Report of Special Milk Board - 1916
Legislation.
                                                   A.
     Massachusetts
Legislation.
     Minnesota
Legislation.
     Missouri
```

Mississippi

Drawer 39-5

Legislation.

Montana

Legislation.

Montclair, N. J.

Legislation.

Nebraska

Legislation.

New Hampshire

Legislation.

New Jersey

Legislation.

New Orleans

```
Drawer 40-1
```

New York City, Codes No. 1

Legislation.

New York City, Codes No. 2

Legislation.

New York City, Codes No. 3

£.,

Legislation.

New York City

Legislation.

New York State

Legislation.

Ohio

Legislation.

Oregon

Legislation.

Pennsylvania - No. 1

Legislation.

Pennsylvania, No. 2

```
Drawer 40-2
```

Philadelphia, Pa.

Legislation.

Pittsburgh, Pa.

Legislation.

Portland, Maine

Legislation.

Rhode Island

Legislation.

St. Louis, Mo.

A.

Legislation.

Tennessee

Legislation.

Vermont

Legislation.

Virginia

Legislation.

Washington

```
Drawer 40-3
Legislation.
     West Virginia
Legislation.
     Wisconsin
Legislation.
     Wyoming
Legislation.
     Copeland Milk Bill
Legislation.
     Cost of enforcement - Miscellaneous
Legislation.
                                                   4
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Legislation.
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Legislation.
     General
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Legislation.

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Drawer 40-4
Legislation.
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Legislation.
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Legislation.
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Legislation.
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Drawer 40-5

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"An investigation of recent outbreaks of typhoid fever in an Adirondack camp and the discovery of a typhoid carrier"

Reprinted from: Medical Record March 25, 1911

"A septic sore throat epidemic in Cortland and Homer, New York" - (Charles E. North and others)

Reprinted from: Journal of Infectious Diseases Jan. 1914

"A square deal for milk"

Advertising and Selling December 16, 1937

"A survey of dairy score cards"

Reprinted from: American Journal of Public Health 1909

"Bacterial testing versus dairy inspection"

Reprinted from: American Journal of Public Health - Vol. 6, No. 6 (1915)

Miscellaneous.

Photographs

Photographs and Advertisements

Reference Material

Shaw-Walker Cabinet.

4 drawers of slides (unidentified)

1 drawer of Bibliography
 (unidentified)

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Small catalog cabinets.

- l cabinet of Bibliographic cards
  "various subjects"
- l cabinet of Bibliography
  "Typhoid Epidemics"
- l cabinet of General Bibliography

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Date completed:

December 17 , 1970