

**MODERN PLUMBING ILLUSTRATED.** By R. M. Starbuck. Fully illustrated by fifty full-page plates made expressly by the author of this work. New York: Munn & Co. One large 8vo. volume; cloth; pp. 392. Price, \$4.

The purpose of this work is to demonstrate in the most practical manner the best modern practice in plumbing and water supply. There is an abundance of useful information in reference to the kinds of plumbing materials and fixtures and the installation of these for the modern cottage, or the more pretentious house, apartment house, hotel and office building. The purpose of this work is to demonstrate by liberal scale drawings, which cover almost every imaginable condition likely to come before the plumber, architect, and sanitary engineer. The book will be found valuable to the plumber in his actual work, giving special details as to size and weight of pipes required under different conditions. To the architect it will be found suggestive and will aid in preparing plans and directing and superintending work; to the owner in aiding him to secure the best and simplest systems for his building; to the plumber inspector the many practical features it presents will remind him of the methods to be pursued to secure safe and healthful sanitary conditions, and to the plumbers, practical methods of executing the work. The book presents, in a word, the latest and best modern practice, and should be in the hands of every architect, sanitary engineer and plumber who wishes to keep himself up to date in this important feature of construction.

**A TEXT-BOOK OF SANITARY AND APPLIED CHEMISTRY, OR THE CHEMISTRY OF WATER, AIR, AND FOOD.** By E. H. S. Bailey. New York: The Macmillan Company. 12mo.; cloth; 345 pages. Price, \$1.40.

Although some knowledge of chemistry is necessary for a thorough assimilation of the present work from the theoretical standpoint, the layman will find it unusually instructive. Chapter I. treats of the "Atmosphere," its composition and the impurities affecting it. Chapter II. deals with "Fuels," and Chapter III. deals with "Heating and Ventilation." Chapter V. on "Water," and Chapter VI. on "Purification of Water Supplies" are highly important. The rest of the book is devoted to foods, etc. As a whole, the work is concise, well written, and not too technical to be of universal value.

**GLUE HANDLING.** Part I. Twelve Chapters of General Information. By Friedman Kahrs. East Haddam, Conn. Price, \$1.

A handbook of value to all glue users, being the result of the author's observations during his eighteen years of experience as a glue expert. It is too bad, however, that such an excellent work should have its attractiveness, if not its usefulness, lessened by the introduction into the text of matter of a purely advertising nature.

**SOME CITIES AND SAN FRANCISCO AND RE-SURGAM.** By Hubert Howe Bancroft. New York: The Bancroft Company.

An interesting comparison of San Francisco and the late disaster with other cities and the calamities that have befallen them. Every line is full of the local pride and confidence that go so far to make up the body of American patriotism.

## INDEX OF INVENTIONS

For which Letters Patent of the

United States were Issued

for the Week Ending

April 30, 1907.

AND EACH BEARING THAT DATE

(See note at end of list about copies of these patents.)

Acid cooling and generating chamber, L. P. Libbie	852,390
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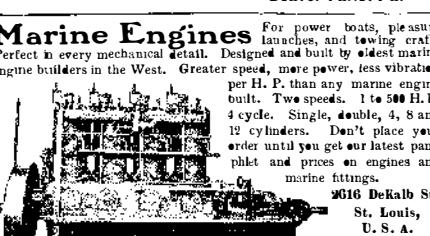
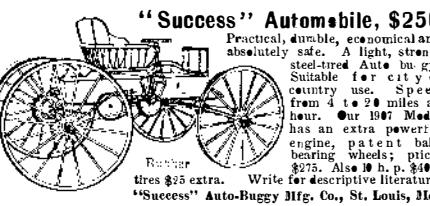
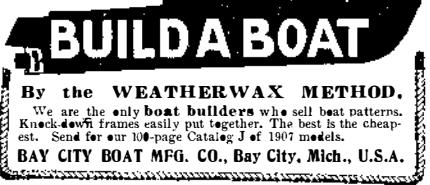
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Ink reducers and driers, printing, J. P. Conner ..	62,343
Isinglass, Cape Ann Isinglass Co. ....	62,241
Jewelry, H. N. Pervez Co. ....	62,295
Kerosene, Toledo, Torres & Co. ....	62,251
Knitted underwear, H. Frank & Sons ..	62,347
Lamp chimneys, W. R. Neel ..	62,358
Lead, white, R. Sheemaker & Co. ....	62,271
Leather, patent side, Seton Leather Co. ....	62,368
Liquor, apricot, J. & A. Freiberg ..	62,329
Machinery, certain, Newton Machine Tool Works ..	62,316
Mast arms for the support of lamps, George Cutler Co. ....	62,292
Medicated stock foods, Dr. Hess & Clark ..	62,311
Medicine, certain, Society of Chemical Industry in Basle ..	60,300
Medicine, proprietary, E. L. Bauer ..	62,277
Medicines, certain, E. S. Wells ..	62,289
Medicines, certain, F. A. Steck ..	62,383
Metal manufactures, certain, S. Sternau & Co. ....	62,318
Newspaper, W. Bullock ..	62,320
Oil, castor, J. N. Stearns ..	62,285
Oils, cotton seed, Southern Cotton Oil Co. ....	62,273
Optical apparatus, appliances, etc., Firm of C. Zeiss ..	62,340
Paints, ready mixed, R. Sheemaker & Co. ....	62,272
Paper, writing, bond, and ledger, Union Card & Paper Co. ....	62,253
Papers, surface coated, engraving, Bill & Collins Co. ....	62,344
Periodical, National Baker Publishing Co. ....	62,326
Periodicals, Jewelers' Circular Publishing Co. ....	62,324
Pie fillings, preserves, and jellies, M. Ams. Pills and headache tablets, J. L. Ward Medicine Co. ....	62,262
Pipe threading and cutting machines, Curtis & Curtis Co. ....	62,279
Publication, monthly, R. M. Van Arsdale ..	62,337
Punch, arraks, C. A. Lindgren & Cis, Vin-hanels Aktiebolag ..	62,377
Railway equipment, certain, Fried. Krupp Aktiengesellschaft ..	62,283
Refrigerators and ice boxes, Illinois Refrigerator Co. ....	62,352
Remedy for diseases of the blood, J. M. Myers ..	62,296
Remedy for malaria and grippe, A. Fischer ..	62,282
Remedy, rheumatic, A. Giesecke ..	62,293
Rubber roofing, H. A. Whiteman & Co. ....	62,255
Sausages, hams, lard, etc., Jones Dairy Farm ..	62,268
Sewing machine needles, White Sewing Machine Co. ....	62,302
Sewing machines, L. C. King & Co. ....	62,294
Shirts, Bronne-Mayer Co. ....	62,342
Silver plated jewelry, toilet, hollow, and flat ware, E. & J. Bass ..	62,319
Soap, N. K. Fairbank Co. ....	62,357
Soap, liquid, A. V. Hassman ..	62,330
Soap, perfumed, A. & F. Pears, Lim ..	62,250
Songs, W. Berry ..	62,263
Starch or size, certain, Green & Company ..	62,245
Storage and conveying apparatus, Dodge Coal Storage Co. ....	62,280
Stoves, gasoline or vapor stoves, and vapor burners and ovens, gas, American Stove Co. ....	62,261
Sugars, refined, Henry Tate & Sons ..	62,267
Suppositories, salves, and teas, G. Kerschenmeyer ..	62,284
Syrup, Welch Bros. Maple Co. ....	62,275
Syrup, corn, O. W. Peirce Co. ....	62,249
Talking machines, Geo. Bergfeld & Co. ....	62,349
Tea and coffee, C. E. Moody & Co. ....	62,270
Thread, certain, Oneida Community Limited ..	62,250
Tires, rubber, Goodyear Tire and Rubber Co. ....	62,266
Tools, certain hand, Collins Co. ....	62,290
Tools, certain hand, Societe Anonyme Des Anciens Establissements Panhard & Levassor ..	62,317
Washing compounds, Laundry Blue Co. ....	62,333
Watchsprings, Hammel, Riglander & Co. ....	62,310
Watches, watchcases, and watch movements, Langendorf Watch Co. ....	62,314
Water, mineral, Wild Pigeon Mineral Springs Co. ....	62,325
Water, mineral, J. A. Margart ..	62,356
Water, table, Great Bear Spring Co. ....	62,058
Whisky, Frankfort Distillery ..	62,327
Whisky, A. Fischer ..	62,345
Whisky, Goodhart-Hartman Co. ....	62,350
Whisky, Records & Goldsborough ..	62,361
Whisky, J. P. Straub ..	62,372
Whisky, A. Fischer ..	62,381
Whisky, Maryland rye, Cletti, Vincenti & Co. ....	62,378
Wines, Carmel Wine Co. ....	62,278
Wines, port and sherry, Geo. G. Sandeman Sons & Co. ....	62,307

**LABELS.**

"California's Club Water," for mineral water, T. P. Converse ..	13,507
"Cottage Bread," for bread, Leonard Baking Co. ....	13,516
"El Barie," for cigars, L. W. Keyer ..	13,505
"Hoo-Haw," for chewing tobacco, Victor Tobacco Co. ....	13,503
"K. B. C. Bohemian," for beer, Kittanning Brewing Co. ....	13,509
"Night Cap Whisky," for whisky, J. Reusch ..	13,508
"Old Colony," for cigars, L. W. Keyer ..	13,504
"Old Pfister's Life Elixir," for a medicine, Hansen & Aagaard ..	13,515
"Peter's Nutro Bread," for bread, A. Peter ..	13,517
"Pur-It's Toilet Water," for toilet water, Pur-It's Mfg. Co. ....	13,510
"Romanza Heliotrope," for soap, Armeen & Co. ....	13,513
"Romanza Lilac," for soap, Armeen & Co. ....	13,511
"Romanza Rose," for soap, Armeen & Co. ....	13,514
"Romanza Violet," for soap, Armeen & Co. ....	13,512
"Schiller," for cigars, L. Mueller ..	13,506
"The Sign of the Kettle," for candies, E. B. Jones ..	13,519
"Uncle Sam's Cones," for ice cream cones, S. Kart ..	13,520
"Vezine's," Digestive Health Food Chocolates, V. de Vezino ..	13,518

**PRINTS.**

"Men's and Boys' Apparel," for men's and boys' apparel, H. C. Lytton ..	1,974
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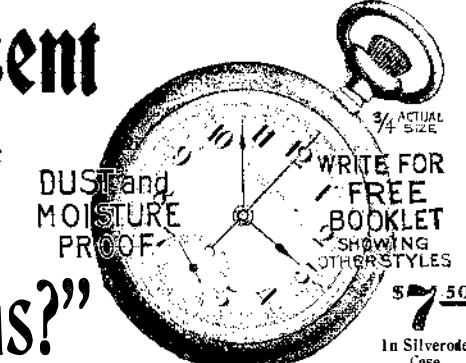
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