

ings and factories. Constructed in various sizes, suited to different requirements. This cremator has been thoroughly tested under competent observation, and has been found to be an excellent substitute for privy vaults as well as a perfect means of destroying garbage of all sorts. 30 State Street, New York.

The local board of health of New York submitted plans showing a typical tenement-house of the past and one of the present time, with improvements in light, ventilation, and drainage.

THE RED CROSS SECTION exhibited a cot and stretcher, a number of cuts illustrating the proper method of handling and removing patients, a life-size manikin showing important land-marks as guides in arresting hæmorrhage, etc., an assortment of bandages and compresses of every conceivable form, with other appliances, all going to show the efficiency attained by this philanthropic society in rendering first aid to the injured.

"INFANTS' PORTABLE BATH-TUB."—Miss S. C. Neal, of 19 Clinton Place, New York, exhibited an invention of her own under this name, made of strong rubber cloth folded over a frame of bamboo, cherry, or ebonized wood of camp-chair design. It has a hard rubber faucet at the bottom for water outlet, and at the ends has pockets for soap and sponges and a bracket for towels. When not in use it may be folded like a camp-stool and packed in an ordinary travelling trunk, or by placing a cover over the frame it may be used as a table for the nursery.

THE DEPARTMENT OF PHYSICAL CULTURE was very fully represented by the exhibit of Messrs. A. G. Spalding Brothers, 241 Broadway, New York. Of their extensive display, the following articles are mentioned as among the most striking: The mechanical apparatus for the strengthening, development, or co-ordination of almost every muscle in the trunk and extremities was complete, and seemed to be all that could be desired.

THE ARNOLD STEAM STERILIZER AND COOKER: Wilnot, Castle & Company, Rochester, N. Y. Both are made on the same principle. Steam is evolved within three or four minutes. The appliances are durable, practical, and reasonable in price, and seem to be an advance over anything yet contrived.

ICE MACHINE: L. Dermigny & Company, 126 West 25 St. New York. An apparatus to make ice and to freeze ice-creams and other ices in a few minutes; machines are ingenious, of various sizes. The ingredients used in the freezing compound are not stated.

ALADDIN OVEN AND ALADDIN COOKER: Edward Atkinson, LL. D., Boston, Mass. These are noteworthy contrivances to save labor, fuel, and waste of food. The cooking with both is accomplished by the heat from a Rochester or other good lamp. In the oven the heat comes in contact with the inner sheet-iron box (or oven) in which the food is placed. An outer box of wood fibre keeps the heat from escaping, and keeps it in contact with the sheet-iron box. The "cooker" is a double box, the inner portion lined with metal. The object is to simmer or stew food economically. Both oven and cooker encourage prolonged cooking at a comparatively low temperature.

A NON-CONDUCTING MAT for bath-rooms made of cork was exhibited among many other things by McKesson and Robbins, New York.

Of the testimonials awarded, the following among others received them:

American Washable Wall Paper Company, Deckertown, N. J., For Wall Papers that wash and contain no arsenic.

Edward Atkinson, LL. D., Boston, Mass.: For Aladdin Cooker and Aladdin Oven.

Backus Portable Steam Heater Company, New York: For the Backus Patent Portable, Open, Reflecting and Steam Radiating Heater.

Connolly Manufacturing Company, Brooklyn, N. Y.: For Connolly Patent Globe Trap and Hopper Clamps.

Durham House Drainage Company New York: For the Durham System of House Drainage.

Joseph Guy, New York: For Guy's Coronet Water-Closet System—for outdoor use.

Henry Huber & Company, New York: For Indurated Fibre Bath-Tub.

Miss C. N. Neal, New York: For the Neal Improved Infants' Portable Bath-Tub.