

high standing. The present work, which is sure of a large sale, is intended to supplement "Steam Heating Problems," which was published in 1888.

PHYSIOLOGY. By A. Macalister, LL.D., M.D. London: Society for Promoting Christian Knowledge. 1895. Pp. 123. 18mo. 59 illustrations. Price 40 cents.

This book belongs to the "Manuals of Elementary Science" series. The author has endeavored to present in a simple and concise form some of the elementary principles of the physiology of man.

HOW TO STUDY STRANGERS BY TEMPERAMENT, FACE AND HEAD. By Nelson Sizer. New York: Fowler & Wells Company. 1895. Pp. 380. 8vo. 300 illustrations. Price \$1.50 in cloth, paper 70 cents.

The author of this work has for more than half a century been engaged in the study of human character, and as the result of such long and varied experience has produced a book the object of which is to teach one how to read the character of the stranger or the friend.

REPORT OF THE BOARD OF LIBRARY COMMISSIONERS OF NEW HAMPSHIRE. December 1, 1894. Concord, N. H. 1894. Pp. 77, 8vo.

SCIENTIFIC AMERICAN BUILDING EDITION. DECEMBER, 1895.—(No. 122.)

TABLE OF CONTENTS.

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Names and Address must accompany all letters, or no attention will be paid thereto. This is for our information and not for publication.

(6671) W. B. McP. asks: 1. Is there any foundation for the theory of getting better health by sleeping with the head to the north?

(6672) W. F. C. writes: When steam boilers are full of water, is it possible to raise the temperature and pressure to a dangerous degree?

(6673) J. W. says: I want to know what is the best way to keep the windows in a store from sweating and spoiling the goods.

(6674) N. B. W. ask: 1. What is the best proportion of air and gasoline vapor for a gasoline engine? A. 25 to 40 volumes, according to the composition of the gasoline.

(6675) H. A. W. asks how to make French mustard. A. The following is M. Lenormand's recipe: Flour of mustard, 2 lb.; fresh parsley, chervil, celery and tarragon, of each 1/2 oz.

(6676) H. J. T. asks how to make gelatine capsules. A. Dissolve in a water bath 10 parts of gelatine, 2 1/2 parts of sugar, 1 1/4 parts of gum arabic in 10 parts of water.

TO INVENTORS.

An experience of nearly fifty years, and the preparation of more than one hundred thousand applications for patents at home and abroad, enable us to understand the laws and practice on both continents, and to possess unequalled facilities for procuring patents everywhere.

INDEX OF INVENTIONS

For which Letters Patent of the United States were Granted

December 3, 1895, AND EACH BEARING THAT DATE.

[See note at end of list about copies of these patents.]

Table listing inventions with names and dates. Includes entries like: Adding machine, G. H. Rogers. 550,764; Adhesive from sulphite liquors, obtaining, C. D. Ekman. 550,712; Adjustable washer, F. Hewitt. 550,614.

Table listing inventions with names and dates. Includes entries like: Filter, Brinkman & Wiederholdt. 550,583; Filter, H. Beck. 550,587; Filter, J. Grack. 550,590; Filter, C. C. Worthington. 550,706.