

# Motes and Queries.

R. H.—Cookstown.—The receipt for aniline blue dyo, published in the current volume of the journal, page 43, is that to which, we suppose you refer. We have never experienced any difficulty in using such a form, and have always got a good colour. It may be necessary to add, however, that blue is generally dyed in an acid bath. Asmall quantity of sulphuric acid brightens the color, but any excess is injurious.

With regard to cornline, our experience has been similar to your own, the color produced never being satisfactory. We should be glad to learn the method of applying this dye, as it certainly cannot be used per se. An alkaline bath gives a very fine color, but

of a very unstable character.

W. F. Stouffville .- Your letter came to hand too late to allow of our attending to it this month. Will do so at January meeting.

### Changes.

Messrs. Ross & Martyn have opened the Apothecaries' Hall, Kincardine, with a new stock.

The business carried on for the last twentyone years by Mr. John Howarth, of Yonge Street, Toronto, has been purchased by his son, Mr. Jas. L. Howarth.

Wm. Fead, Stouffville, has taken his brother, G. S. M. Fead, into partnership. The style of the firm is Wm. Fead & Bro.

Coulter & Son, now carry on the business in Lindsay, formerly Coulter & Chambers. Mr. Coulter, jr., is in charge.

Dr. J. W. Shirley, Walford, recently disposed of his business to Mr. Thomas, who, in turn, sold out to a third party. Mr. Shirley called a meeting of his creditors for a certain day, but in the meantime collected everything possible, and, at the appointed time, was not to be found.

C. W. Grossmith & Co., perfumers, Toronto, have removed from their former place of business to larger and more convenient premises, No. 174 Yonge Street.

Drs. A. C. Lloyd & Sons are about commencing a new business at Stouffville.

A. R. Hildreth has purchased the business formerly carried on by N. A. Wilson, Paisley.

# Trade Report.

Since our last issue, trade has been rather dull, owing no doubt, in a great mersure, to the bad state of the roads. Payments have also been far from prompt, or full. We trust that the establishment of winter roads will do away with both these evils.

in our quotations we have few changes to Alcohol has advanced five, or six cents; and, from the inadequate means of supply, is likely to maintain its high rate for some time, being hard to get, even at the present high figures. Opium has once more puzzled the shrowdest buyrs, having taken an upward turn; it is now held at an advance of two dollars per lb. Quinine remains very firm, with a probability of a further advance. Ergot is quoted very much lower. E. I. Rhubarb is also in favor of the buyer.

In spices we quote Maco and Nutmegs at The 50th Volume. much higher rates; the former is almost out of market.

In naval stores, turpentine is held at a high price, which combined with the rate of exchange renders it a very unprofitable article for dealers.

# THE BEST IN THE WORLD!

# The Scientlfic American \$1,500 Cash. For 1870. \$1,500 Cash.

A VALUABLE PREMIUM FOR ALL. This splendidly illustrated weekly journal of POPULAR SCIENCE, MECHANICS, INVENTION, ENGINEERING, CHEMISTRY, ARCHITECTURE, AGRICULTURE, and the kindred arts, enters its TWENTY FIFTH YEAR on the first of January next, having a circulation far exceeding that

of any similar journal now published.

THE EDITORIAL DEPARTMENT of the Scientific American is very ably conducted and some of the most popular writers in this Country and Europe are contributors. Every number has 16 imperial pages, embellished with fine Engravings of MACHINERY, NEW IN-VENTIONS, TOOLS FOR THE WORKSHOP, FARM AND HOUSEHOLD, ENGINEERING WORKS, DWELLING HOUSES, PUBLIC BUILDINGS.

A journal of much intrinsic value, at the low price of \$3 a year, ought to have, in this thriving country, A MILLION READERS.

Whoever reads the Scientific American is

entertained and instructed, without being bothered with hard words or dry details.

#### TO INVENTORS AND MECHANICS

this journal is of special value, as it contains a weekly report of all Patents issued at Washington, with copious notices of the leading AMERICAN AND EUROPEAN INVENTIONS. The Publishers of the Scientific American are the most Extensive Patent Solicitors in the world, and have unequaled facilities for gathering a complete knowledge of the progress of invention and Discovery throughout the world: and with a view to mark the quarter of a century, during which the journal has held the first place in Scientific and Mechanical Literature, the Publishers will issue on January first the large and splendid Steel Engraving by John Sartain, of Philadelphia, entitled:

"Men of Progress." "American Inventors," the plate costing nearly \$4,000 to engrave, and contains nineteen likenessess of Illustrious American Inventors. It is a superb work

Single pictures, printed on heavy paper, will be sold at \$10, but any one subscribing for the Scientific American, the paper will be sent for one year, together with a copy of the engraving, on receipt of \$10. The pic-ture is also offered as a premium for clubs of subscribers.

#### AT\$1,500 CASH PRIZES. AT

In addition to the above premium, the Publishers will pay \$1,500 in CASH PRIZES for lists of subscribers sent in by February 10, 1870. Persons who want to compete for these prizes, should send at once for prospectus and blanks for names.

Terms for Scientific American, one year \$3; six months \$1.59; four months \$1. To clubs of \$10 and upwards, terms \$2.50 per annum. Specimen copies sent free, address the Publishers

MUNN & CO.

37 Park Row, New York. How to get Patents. - A pamphlet of Patent Laws and instruction to Inventors sent free.

NEW SERIES! NEW FORM!

THE PICTORIAL

# PHRENOLOGICAL JOURNAL

A FIRST CLASS

## FAMILY MAGAZINE,

Specially devoted to the "Science or Man," his improvement, by all the means indicated by Science.

PHRENOLOGY.—The Brain and its Functions; the Location and Natural Language of the Organs, with directions for cultivating and restraining them; and the relations subsisting between Mind and Body described.

PHYSIOGNOMY, with all the "Signs of Character and How to Read them," is a special

ETHNOLOGY, or The Natural History of Man.—Tribes and Nations, will be given.
PHYSIOLOGY & ANATOMY.—The Organization, Structure, and Functions of the Human Body; the Laws of Life and Health—What we should Eat and Drink, How we should be Clothed, and How to Exercise, Sleep and Live, presented in a popular manner, in accordance with Hygienic Principles

Principles.
PORTRAITS, SKETCHES, and BIOGRAPHIES of the leading Men and Women of the World, in

all departments of life, are special features.

PARENTS AND TEACHERS. - As a guide, in educating and training Children, this Magazine has no superior, as it points out all the peculiarities of Character and Disposition, and renders government and classification not only possible but casy.

Much general and useful information on the leading topics of the day is given, and no efforts are spared to make this the most interesting and instructive, as well as the Best Pictorial Magazine

ever published.

ESTABLISHED.—The Journal has reached its 50th Volume, and with the January Number, 1870, a NEW SERIES is commenced. The form has been changed from a Quarto to the more convenient Octavo, and many improvements have been made. It has steadily increased in favor during the many years it has been published, and

it was never more popular than at present.

TERMS.—Monthly, at \$3 a year, in advance.
Single numbers, 30 cents. Clubs of ten or more,

\$2 each, and an extra copy to agent.

We are offering the most liberal Premiums. Inclose 15 cents for a sample number, with new Pictorial Poster and Prospectus, and a complete list of Premiums. Address S. R. WELLS, Publisher,

289 Broadway, New York.

### PERFUMERY.

HANDKERCHIEF Extracts, Jockey Club, Frangipanni, Patchouly, West End, Musk, Spring Flowers, Mignonette, New Mown Hay, Sweet Pea, and all the popular

Extra Quality.—6 oz. Octagon Cut; 3 oz. Octagon Cut; 1½ oz. Plain, stoppered.

Best Quality.—13 oz. Plain, stoppered.

No. 1 Quality. -1; oz. Squat Cork'd; 1 oz. Stone Jug; 1 oz. Glass Jugs; 3 oz. Panel; 1 oz. Squat; 3 oz. Squat; 3 oz. Oval; 3 oz. Squat. Hair Oils, Pomades, Tooth Washes, Tooth

Powders, Colognes, Lavanders, Sachets, Camphor Ice and Roll, Toilet Vinegar, Milk of Roses, etc., in all the popular styles.

Price Lists on application to LYMAN, ELLIOT & Co., 1-1v. 157 King Street East, Toronto.