

for export, &c., &c. Its subscription price is 20s. sterling per annum—Morgan Brothers, Bow Lane, London, England, publishers.

**The Journal of Gas Lighting, and the American Gas Light Journal,**

are both excellent semi-monthly publications, and afford a large amount of information on all matters of *lighting, water supply and sanitary* improvements. The former is published at 11 Bolt Court, Fleet St., London, at 15s. stg. per annum; and the latter at 22 Pine St., New York, at \$3 per annum, American funds.

**The American Artizan**

advertisement, on the third page of our cover, correctly describes the character of that journal. We know of no more useful publication on this continent, for the mechanic and practical man.

**The American Agriculturist**

was noticed in the November number of the Journal—now is the time to subscribe for it.

**The American Farmer,**

published at Rochester, at \$1 per annum, U. S. funds; and

**The Gardeners' Monthly,**

published at Philadelphia, at \$2 per annum, are both excellent publications. We also regularly receive

**The Canadian Farmer,**

**The Journal of Education**

For both Ontario and Quebec.

**The Canadian Agriculturist,**

**The Canadian Naturalist,**

AND

**The Canadian Journal.**

These publications are well known here, and need no further recommendation from us. The British

**Commissioner of Patents Journal**

is issued twice a week, and contains lists of all "applications for patents," "notices to proceed," "patents sealed," &c., &c.

**The Photographic Journal**

is published monthly, at 6d. a number, by the Photograph Society of London: it contains a large number of valuable papers, and information on photographic subjects.

The last we shall mention at present is

**Willis' Price Current of Literature.**

This is a monthly list, of some 36 8vo., pages, of second-hand books; and also a list of new current works, on sale by Messrs. Willis & Sotheran, of 136, Strand, London. Books ancient and modern, rare and valuable, may be selected any month from these lists. An excellent work for curators of public libraries. Subscription 3d. per number.

## Board of Arts and Manufactures FOR ONTARIO.

### ANNUAL MEETING OF THE BOARD.

According to the Statute, the Annual Meeting of the Board should be held on the first Tuesday in the month of January; but as previous to last year that has also been one of the days of the Municipal Elections, and is now the day after, it has always been impossible to obtain a quorum; and the meeting has consequently had to be adjourned. The same course will doubtless have to be taken this year, of which adjournment due notice will be given. The Meeting will, no doubt, be held on Tuesday, the 21st instant.

By an amended act, recently passed, the time for electing Delegates by Mechanic's Institutes and Boards of Trade has been changed from the first meeting of each Society in the month of January, to the last meeting in the preceding year. By an oversight we neglected to mention this in the December number; but if the appointments have not yet been made, it will be quite legal to make them during this month.

### ODD NUMBERS WANTED.

Any of our readers having duplicates of the following numbers of this Journal, or copies that they do not intend to file, would confer a favor by mailing them to this office. Full value will be allowed for them:—

1862.—January, February, November & December.

1863.—March, September and November.

### ARREARS DUE THE JOURNAL.

Subscribers in arrears for this Journal, either for the past or previous years, are requested to remit the amount due, in postage stamps or otherwise.

W. EDWARDS, *Secretary.*

The expansion of the rails of a railroad 500 miles long amounts in a hot summer's day to nearly a quarter of a mile from the point of the extreme contraction in winter. Of course this expansion is all taken up by the joints.

The amount of capital expended on the Suez canal, last year was \$10,600,000. The estimated amount still required to be expended before the work will be completed, is said to be \$29,600,000.

THE total weight of the Enfield and its sixty rounds of ammunition, is 14lbs. 6oz. and 11drms.

PRACTICE and persistence are the elements of the mechanic's success.