CORRESPONDENCE.

To the Committee on Publications, Franklin Institute, Philadelphia.

GENTLEMEN:—Will you kindly publish in your *Journal* a few remarks upon the article by C. B. Dudley, Ph.D., on pp. 81 and 93 of the *Journal*, current volume?

As a member of the firm of Torrey & Eaton, New York, I have given much attention to the analysis of bearing metals, having personally manufactured 1,000 tons of various alloys, and have carefully read the article by Dr. Dudley. Knowing his experience as an analyst and of his high standing as a member of the Mechanical Engineers, I was surprised to note that among the various analyses of bearing metals published, he has made several grave errors in the analysis of magnolia metal. This may work to the injury of a company which has done much to advance the interests of mechanics.

I am looking at this matter from an entirely scientific standpoint, and would not expect the *Journal* to take it up in any other way.

In the analysis of magnolia metal, Dr. Dudley has overstated one constituent part and has omitted tin (which it always contains) and other material. On the same page is given an analysis of antimonial lead, which may be correct, but not an ounce of this is ever used in magnolia metal, and the public will compare it with the magnolia analysis as given. This may work to the injury of the reputation of the makers of magnolia.

Respectfully yours,

H. G. TORREY.

BOOKS RECEIVED.

[In sending books for notice in the *Journal*, publishers are requested, for the information of the reader, as well as for their own advantage, to give the price. This announcement by title will be followed, in most cases, by a review, which will appear at the earliest opportunity.]

Brainard, F. R. *The Sextant*. New York: D. Van Nostrand Company. 1891. 24mo. Price, 50 cents.

Burke, M. D. *Brick for Street Pavements*. Cincinnati: Robert Clarke & Co. 1892. 8vo. Paper. Price, \$1.

Church, I. P. *Notes and Examples in Mechanics*. New York: John Wiley & Sons. 1892. 8vo. Price, \$2.

Duquesnay. *Résistance des Matériaux*. Paris: Gauthier-Villars. 1892. 16mo. Price, 3 francs.

Dwelshauvers-Dery. *Étude Expérimentale Calorimétrique de la Machine à Vapeur*. Paris: Gauthier-Villars. 1892. 16mo. Price, 3 francs.

Gouilly, Al. *Transmission de la Force Motrice par Air Comprimé ou Raréfié*. Paris: Gauthier-Villars. 1892. 16mo. Price, 2 francs.