

the student and suggestions to the draughtsman. It is really refreshing to see a book on mechanical drawing which gives the proper amount of lettering and dimensions. The plates, with a few exceptions, are arranged so that they are visible while the text is being read; this is the proper way of inserting plates and maps, but is unfortunately a rarity. The whole work bears the stamp of being made by a thoroughly competent and conscientious draughtsman.

THE TINSMITHS' PATTERN MANUAL. Patterns for tinsmiths' work. By Joe K. Little. Chicago: The *American Artisan Press*. 1894. Pp. ix, 248. Price \$1.

This work treats in great detail of the development of tinsmith's articles for the purpose of cutting out the pieces therefor from the flat metal. This it does elaborately, its purpose, evidently carried out, being to lay down general geometrical principles by which work other than that described in the book may be done. The text consists of a series of problems well illustrated, and an excellent index, with both page and paragraph references, is a feature worthy of being noted.

DAVID OF JUNIPER GULCH. A story of the placer regions of California. By Lillian Shuey, author of "California Sunshine," etc. Chicago: Laird & Lee. Pp. 418. Price \$1.

CRIME AND PUNISHMENT: A NOVEL. By Fedor Dostoeffsky. Translated from the original Russian by Frederick Whitshaw. Chicago: Laird & Lee. Pp. 456. Price 50 cents.

THE EGYPTIAN HARP GIRL: A MYSTERY OF THE PERISTYLE. By "Quondam." Illustrated. Chicago: Laird & Lee. 1894. Pp. 292. Price \$1.

PAUL WEISS. Ingenieur au Corps des Mines. Le Cuivre. Avec 96 figures intercalées dans le texte. Paris: Librairie J.-B. Baillière et Fils. 1894. Tous droits reserves. Pp. viii, 844. Price \$1.

A TEXT BOOK OF MECHANICAL DRAWING. Part III. Machine Drawing. By Gardner C. Anthony, A.M. Tufts College, Massachusetts: Published by the author. Pp. 50, 16 plates. Cloth. Price \$1.80.

This is an excellent work. The treatise is intended to teach the practical application of the principles of projection to the illustration of machinery, and to furnish such practical examples as may serve for problems to