



MINERALS, ETC.—Specimens have been received from the following correspondents, and examined, with the results stated:

W. L.—It is partly altered mica schist—of no commercial value.—T. F. W.—A green stone containing much magnetic sulphide of iron—pyrrhotine—probably carrying a little nickel.—M. M.—It is nitier—potassium nitrate—G. K.—It is crystallized sulphide of iron, pyrite.—L. J.—Quartzite with argentiferous galena—silver bearing lead ore.

COMMUNICATIONS RECEIVED.

On a Shock of Earthquake. By E. W. B.
On Zinc and Copper Ores in Maine. By F. L. B.

NEW BOOKS AND PUBLICATIONS.

N. W. AYER & SON'S AMERICAN NEWS-PAPER ANNUAL, 1881.

Contains a carefully prepared list of all newspapers and periodicals in the United States and Canada, arranged by States in geographical sections and by towns in alphabetical order; the name of the paper, the issue, general characteristics, year of establishment, size, circulation, and advertising rates. Its reports of the population of the country are very full and complete, including that of States, counties, and county seats. It also gives the political majorities and the greenback vote of States and counties at the Presidential election of 1880. A tabulated statement of newspapers is given on page 14. A description of every county in the United States, as well as of each State and Territory as a whole, and of the Canadian Provinces, giving valuable information concerning their mineral deposits, chief agricultural products, principal manufactures, nature of the surface and soil, area, location, etc. It is a volume from which information of the most varied use and importance can be obtained. Newspapers can only flourish in the midst of free, industrious and intelligent peoples. Here are specified and described more than nine thousand different American periodicals. It is a catalogue of national greatness and power. Published by N. W. Ayer & Son, Philadelphia, Pa.

[OFFICIAL.]

INDEX OF INVENTIONS

FOR WHICH Letters Patent of the United States were Granted in the Week Ending November 1, 1881, AND EACH BEARING THAT DATE.

[Those marked (r) are reissued patents.]

A printed copy of the specification and drawing of any patent in the annexed list, also of any patent issued since 1866, will be furnished from this office for 25 cents. In ordering please state the number and date of the patent desired and remit to Munn & Co., 37 Park Row, New York city. We also furnish copies of patents granted prior to 1866; but at increased cost, as the specifications not being printed, must be copied by hand.

Table listing inventions with patent numbers, starting with Adjustable table and book support, C. D. Stitt...

Table listing inventions with patent numbers, starting with Chopper. See Cotton chopper. Cigar coloring machine, N. Du Brul...

Table listing inventions with patent numbers, starting with Lamp and timepiece, combined, J. Bell...

Table listing inventions with patent numbers, starting with Steam trap, E. F. Osborne...

DESIGNS.

Table listing designs with numbers, starting with Bell sleigh, G. W. Goff...

TRADE MARKS.

Table listing trade marks with numbers, starting with Baking powder, Newton Brothers & Co...

English Patents Issued to Americans.

Table listing English patents issued to Americans, starting with Asbestos, H. W. Johns...