

(21) H. Z. asks: Will you please describe the mode of manufacturing sticky fly paper? A. See "Useful Receipts," in SUPPLEMENT, No. 159.

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

J. F. H.—No. 1. Graphite. No. 2. Amianthus— asbestos of very fair quality. No. 3. Galena—lead sulphide—probably contains a trace of silver. No. 4. Clay containing a little copper oxide, silicate, and sulphide.

COMMUNICATIONS RECEIVED.

The Sun not a Source of Light and Heat.

[OFFICIAL.]

INDEX OF INVENTIONS

FOR WHICH

Letters Patent of the United States were Granted in the Week Ending

August 1, 1882.

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., 261 Broadway, corner of Warren Street, 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 of inventions with descriptions and patent numbers, including items like Adjustable table, Air burning and carbureting engine, and various mechanical devices.

Table of inventions with descriptions and patent numbers, including items like Cooler, Cork or stopper of bottles, and various electrical and mechanical devices.

Table of inventions with descriptions and patent numbers, including items like Inkstand bracket, Iron, and various agricultural and industrial machinery.

Table of inventions with descriptions and patent numbers, including items like Spoke tenoning machine, Spout, and various household and industrial items.

DESIGNS.

Table of designs with descriptions and patent numbers, including items like Carpet, Cigar, and various decorative and functional items.

TRADE MARKS.

Table of trade marks with descriptions and patent numbers, including items like Cigars, Cigarettes, and various branded goods.

English Patents Issued to Americans.

Table of English patents issued to Americans, including items like Battery, Carding machine, and various industrial and agricultural machinery.