

(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 listing inventions with names and dates, including items like Adjustable table, Advertising card, Air, burning and carbureting, Litchfield & Renshaw, etc.

Table listing inventions with names and dates, including items like Cooler, Cork or stopper of bottles, R. H. T. Nesbitt, Corset forming and shaping apparatus, J. A. House, etc.

Table listing inventions with names and dates, including items like Inkstand bracket, A. Cutler, Iron, See Buggy corner iron, Gridiron, Jack, See Lifting jack, etc.

Table listing inventions with names and dates, including items like Spoke tenoning machine, H. Paré, Spout, grain, W. D. Dickson, Spout, sap, H. A. & Z. S. Lawrence, etc.

DESIGNS.

Table listing designs with names and dates, including items like Carpet, F. Allen, Carpet, E. A. Crowe, Carpet, E. Fisher, etc.

TRADE MARKS.

Table listing trade marks with names and dates, including items like Cigars, E. Goslinsky & Co., Cigars, cigarettes and manufactured tobacco, J. Ellinger & Co., etc.

English Patents Issued to Americans.

Table listing English patents issued to Americans with names and dates, including items like Battery, secondary, C. E. Buell, New Haven, Conn., Carding machine, J. Barker, Philadelphia, Pa., etc.