

RECENT AMERICAN INVENTIONS

AMONG the inventions recently registered or patented in the United States are the following:—

WALTER J. SMITH, of Leamington, Canada, a patent on a color-printing device. Boxes of the form of the characters to be printed are filled with the proper colored ink and a porous material. The ink passes by capillary attraction to the top of the box, where the paper receives the impression.

CHARLES S. TRAVIS, of Minneapolis, a patent for a matrix making machine. The apparatus is electrically actuated and successively indents and spaces the letters or characters in a sheet of pasteboard or like material for stereotyping. The apparatus is said to be so constructed as to render possible greater speed, more accurate feeding of the sheet and greater perfection of work.

A SECOND matrix making machine was patented by Casper S. Redfield, of Minneapolis, Minnesota. The device is similar in nature to those previously patented by the same party. It forms stereotype matrices by the successive impression of independent type dies.

JOHN HOOKER, of Beccles, England, received a patent for an indicator mechanism for typesetting machines, to show whether a line of type set up is too long or too short. The continuous line of type, as it comes from the composing machine, travels along below two catenas carried by slides which are drawn forward by the type; when enough type are advanced to form a line, if the line needs justification, an electric current rings a warning bell.

Two residents of Bridgeport, Conn., who are co-patentees, have invented a printer's galley which combines a side stick made in sections with a head having a slot through it from side to side, and extending from side piece to side piece of the galley. One of the sections of the side stick abuts against the head, the other being provided with a hook engaging the bottom, and also with suitable means for locking the side stick at each end.

THE Dexter Folder Co. have four machines in operation at the World's Fair. Publishers who use a press without a Folder should see these machines. One will save its cost in a short time in any of the larger offices. A special feature of all the machines shown is a delicate electrical attachment by means of which, no matter how carelessly the feeding is done, the machine will fold each sheet accurately.

THE editor of a little Western daily, that recently expired, wrote the following epitaph for it: "Here lies a daily newspaper, killed in a square fight with a weekly newspaper town." Such "unequal contests" are not of rare occurrence.

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