

W. H. A. Gresham,
Case.

No. 112,445

Patented Mar. 7, 1871.

Fig. 1.

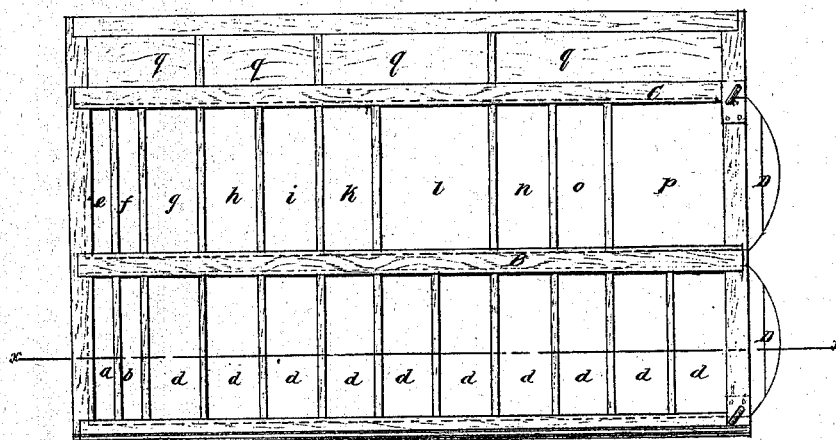
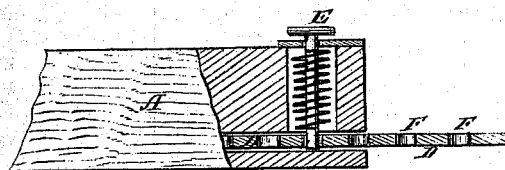


Fig. 2.



Fig. 3.



Witnesses:

P. C. Dietrich.

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Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM H. A. GRESHAM, OF ATLANTA, GEORGIA.

IMPROVEMENT IN PRINTERS' CASES.

Specification forming part of Letters Patent No. **112,445**, dated March 7, 1871.

To all whom it may concern:

Be it known that I, WILLIAM H. A. GRESHAM, of Atlanta, in the county of Fulton and State of Georgia, have invented a new and Improved Case for Printers' Use; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

Figure 1 is a plan view of my improved case. Fig. 2 is a section of the same, taken on the line *xx* of Fig. 1; and Fig. 3 is a detail, in section, showing the sliding bottoms and spring-stop.

Similar letters of reference indicate corresponding parts.

I propose to provide a rectangular case, A, of suitable depth—say, about one inch, more or less—and divided in the longest direction into three subdivisions by the bars B and C, two of which divisions have bottoms D sliding in and out, and provided with spring-stops E, for dropping into holes F, to arrest them at any point when drawn out, the said holes being arranged to stop the bottoms when the ends are under the transverse dividing-bars G. These bottoms, being made to slide, save a large proportion of the time required to empty the style of case now in use; hence this case can be used with all sizes of type, as it requires but little time to change from one size to another.

The bottoms, being provided with the stop-springs, obviate all danger of "pi" in emptying the case, for the spring-stop, being raised out of a hole and let back upon the bottom, will drop into the next hole when the bottom is moved along, and stop it when the end arrives

at the first or any intermediate partition, G, as the case may be, thereby preventing the throwing of the contents of the two boxes into a "pied" mass.

The compartment *a* is intended for periods; *b*, for commas; *d*, for the numerals, one to cipher, inclusive; *e*, *f*, and *g*, for five, four, and three em spaces; *h*, for dashes; *i*, *k*, and *l*, for en, em, and two and three em quadrats; *n o p*, for en, em, and two and three em leaders; and the compartment *q* for rules of different lengths.

The compartments for periods, commas, four and five em spaces will be about one inch; those for the figures, two inches; dashes, three-em spaces, en and em quadrats, en and em leaders, two inches; two and three em quadrats and two and three em leaders, four inches, or thereabout, and all about one inch deep.

This labor-saving case will be placed for use on the top of the ordinary case, and the galley upon which the table is being set should be placed immediately beyond or above the tabular case, thus removing the table out of the way of the sleeve or elbow of the workman.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The improved tabular case for printers' use having the compartments arranged as specified, and the sliding bottoms, the latter being provided with spring-stops, all substantially as specified.

WILLIAM H. A. GRESHAM.

Witnesses:

GEO. W. MARTIN,
HENRY H. DICKSON.