

C. D. REPPY.
Printer's Composing-Stick.

No. 220,942.

Patented Oct. 28, 1879.

Fig. 1.

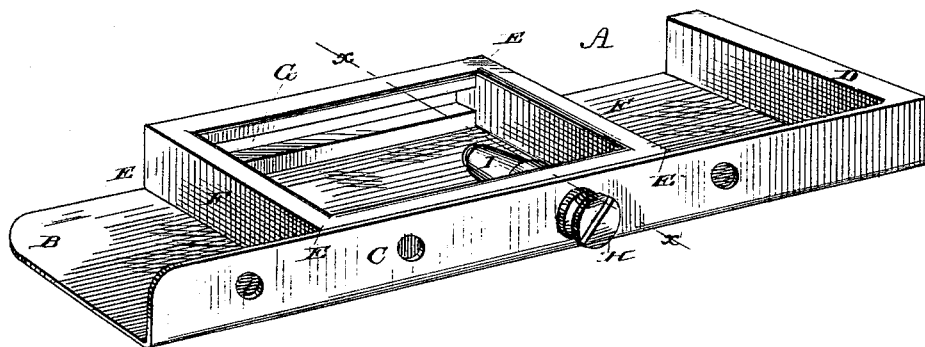


Fig. 2.

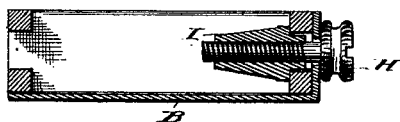


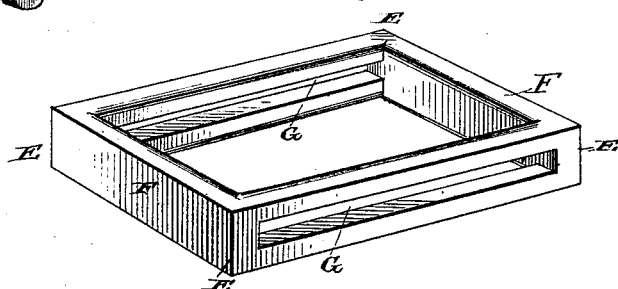
Fig. 3.



Fig. 5.



Fig. 4.



Attest:
H. L. Birnie
Am. Long.

Chas. D. Reppy.
Inventor.

By. H. A. A. A. A.
Atty.

UNITED STATES PATENT OFFICE.

CHARLES D. REPPY, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN PRINTERS' COMPOSING-STICKS.

Specification forming part of Letters Patent No. **220,942**, dated October 28, 1879; application filed March 31, 1879.

To all whom it may concern:

Be it known that I, CHAS. D. REPPY, of St. Louis, in the county of St. Louis and State of Missouri, have invented certain new and useful Improvements in Printers' Composing-Sticks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 is a perspective of stick and gage; Fig. 2, a cross-section thereof through xx of Fig. 1; Fig. 3, a perspective of clamping-nut; Fig. 4, a perspective of gage, and Fig. 5 a perspective of clamping-screw.

My invention relates to printers' composing-sticks, and has for its object the production of a gage that will combine the two advantages of possessing more than one wearing-point and of admitting of such longitudinal adjustment as will lengthen the stick; and it consists of a rectangular or four-side gage having two faces, so as to have three or four wearing points or corners, the gage admitting of reversal or interchange of parts, and also of adjustment, of which a more particular description will hereinafter be given.

In the accompanying drawings, the letter A refers to the stick generally; B, to the bottom thereof; C, to the back, and D to the fixed end or head. The back of the stick has the usual holes formed therein for the passage of the clamping-screw H therethrough.

It is well known that the gage wears out at the corners next to the front of the stick, the wear being occasioned by the friction of the thumb, by rust, and by other causes. This prevents the type being set up justly, and unfits the whole gage for use. It is therefore an object to produce a gage that will have more than one wearing point or corner, so that one can be substituted for the other, for as the number of wearing-points are increased so to that extent is the service of the gage extended.

With a view to produce such a gage, I construct one of rectangular form having four corners, E, and at least two faces, F, constituting preferably a rectangular frame, with slots G in its two sides, and admitting of reversal or turning, so that when one corner becomes worn a square corner can be substituted for it by turning or reversing the gage.

The gage is clamped to the back of the stick by means of screw H and nut I, both of which are of the usual construction. The screw is passed through one of the holes in the back of the stick and into the nut, the shoulder of which fits into the slot in the side of the gage. By loosening the screw and nut the gage can be moved up or down within the stick without removing the screw.

By thus constructing the gage the same may be made light and as equally strong as the old gage without being at all in the way of the palm of the hand.

By adjusting the gage and screw to the lower hole in the stick, a six-inch stick can be made to take the place of an eight-inch stick, the gage projecting beyond the open end of the stick and forming a rest for the hand.

Having described my invention, what I claim is—

1. The within-described gage for a printer's composing-stick, constructed rectangular in form and with slots in its two sides, whereby it combines several wearing-points, and adjustability to lengthen the stick, as and for the purposes set forth.

2. The within-described gage, constructed rectangular in form and with slots in its sides, in combination with the composing-stick and locking screw and nut, all substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of March, 1879.

CHAS. D. REPPY.

Witnesses:

ALVIN CARL,
OTTO BERLIEN.