

(Model.)

C. FRECKER.
COMPOSING STICK.

No. 338,259.

Patented Mar. 23, 1886.

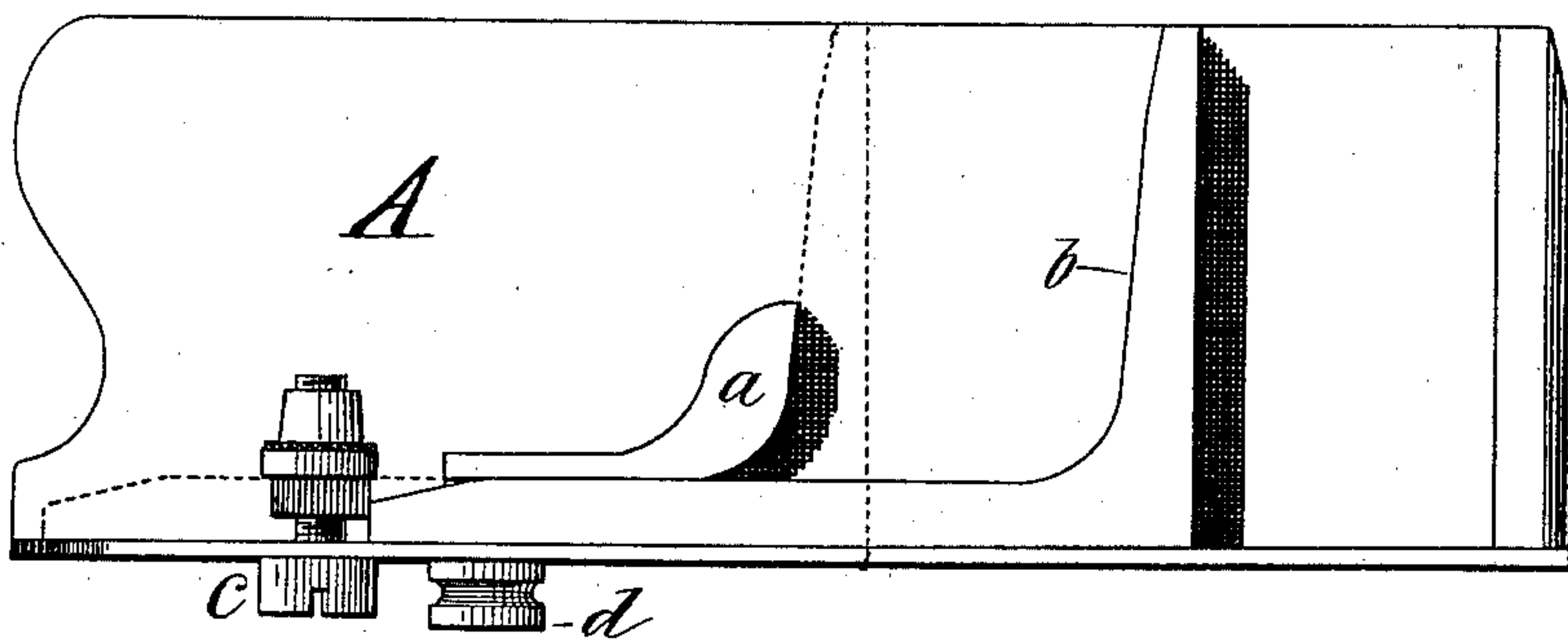
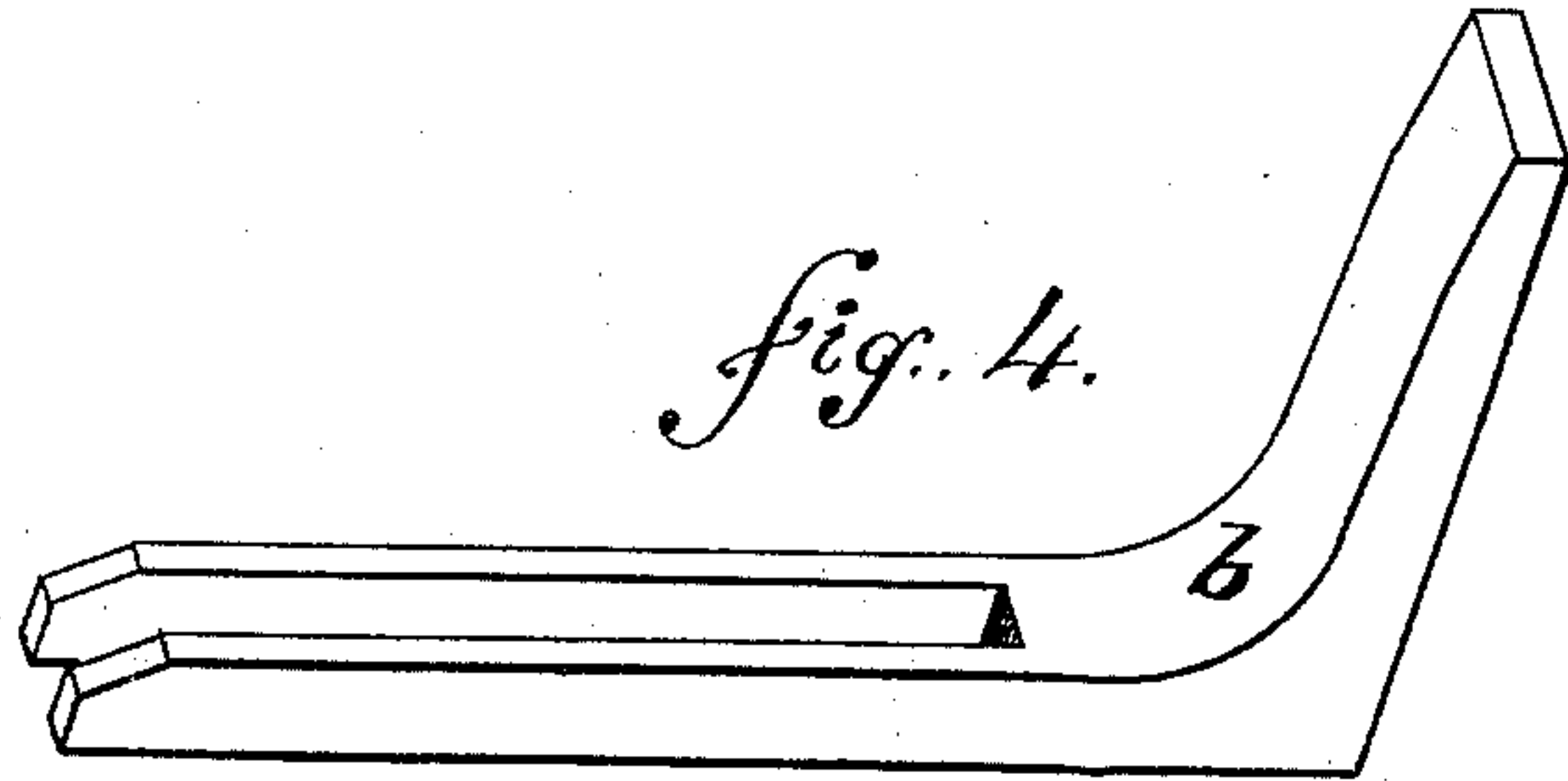


fig. 1.

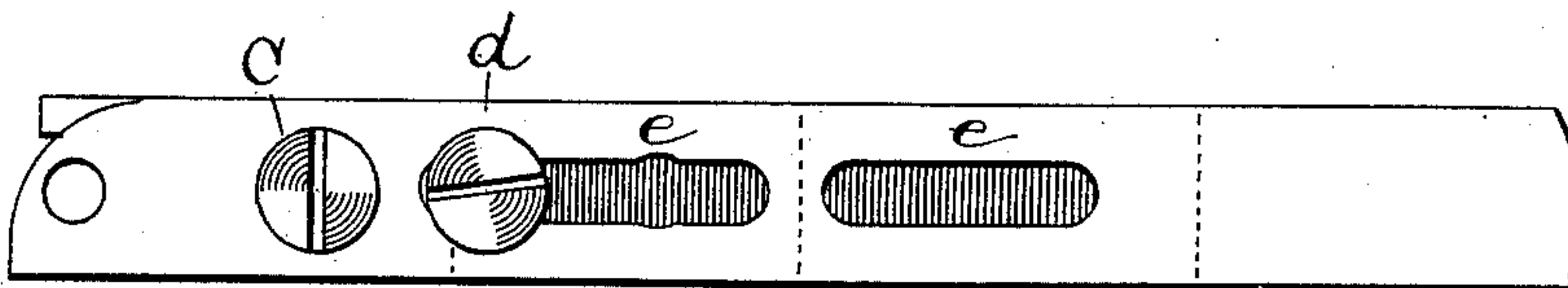


fig. 2.

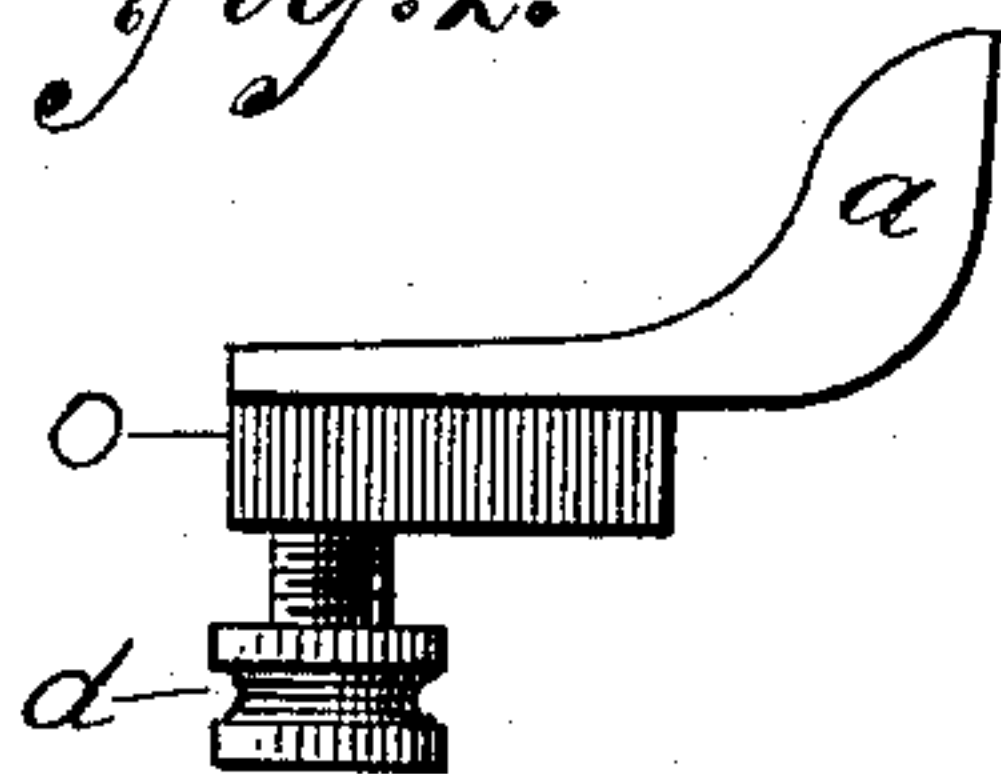


fig. 3.

Charles Frecker,

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Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES FRECKER, OF BROOKLYN, NEW YORK.

COMPOSING-STICK.

SPECIFICATION forming part of Letters Patent No. 338,259, dated March 23, 1886.

Application filed January 2, 1885. Serial No. 151,774. (Model.)

To all whom it may concern:

Be it known that I, CHARLES FRECKER, a citizen of the United States of America, and a resident of the city of Brooklyn, county of Kings and State of New York, have invented certain new and useful Improvements in Composing-Sticks, of which the following is a specification.

My invention relates to improvements in composing-sticks.

It has for its object to provide a composing-stick with an adjustable slide attached thereto in such a manner as will permit the said slide to be adjusted to any desired measure of column and at the same time retain a standard measure, as will be hereinafter explained.

The manner in which I obtain these results is fully illustrated in the accompanying drawings, which form part of this specification, and in which similar letters of reference indicate corresponding parts.

Figure 1 represents a plan of my improved stick, showing the adjustable block *a*, which is held in position by the screw *d* and the slide-piece *b*, adapted to be held in position by the screw *c*. Fig. 2 represents a side elevation of the stick, showing the slots *e e* and screw *c* and *d*, as above described; and Fig. 3 illustrates the adjustable block *a* detached from the stick. Fig. 4 represents a perspective view of the slide-piece *b*.

As illustrated by the drawings and model, the block *a* is secured to the stick by the screw *d*, which passes through the lower angle of the stick and through the slotted portion of the slide-piece *b*, as will be hereinafter explained. The lower angle of the stick *A* is provided with two slots, *e e*, which may be, if desired, made into one long slot to permit a closer adjustment of the slide *b*, if necessary. The slide *b* is also provided with a slot running vertically

through its center, which permits it to slide back and forth adjacent to the guide-piece *o* of the block *a*. The screw *c* is intended to clamp the slide-piece *b* when it is desired to hold it rigidly in one position, or to what may be termed a "standard gage."

I have illustrated the screw *c* as being located behind the screw *d*; but I do not wish to confine myself to that particular construction, as a screw could be attached to the front end of the slide-piece *b* and adapted to slide through a slot located in the lower angle of the stick, as at *e*, Fig. 2.

The principal object of my invention is to provide the stick with an adjustable block, *a*, which can be adjusted to the desired "standard" and secured rigidly thereto by means of the screw *d* or any other desirable method, and a slide-piece, *b*, adapted to slide in the usual manner, but to rest against the block *a* when it is slid back to the desired standard gage, the slide *b* having attached to it a screw or any desirable means to hold it temporarily in one locality.

Having thus described my invention, what I desire to secure by Letters Patent of the United States is as follows:

A composing-stick constructed as described and provided with the sliding pieces *b* and *a*, arranged and adapted to be adjustably secured to the lower angle of the stick *A* by means of the screws *c* and *d*, as and for the purpose specified.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 22d day of December, 1884.

CHARLES FRECKER.

Witnesses:

CHARLES Y. VAN DOREN,
T. B. RICHTER.