

J. M. Eaton.
Composing Stick.
N^o 93,426. Patented Aug. 10, 1869.

Fig. 1.

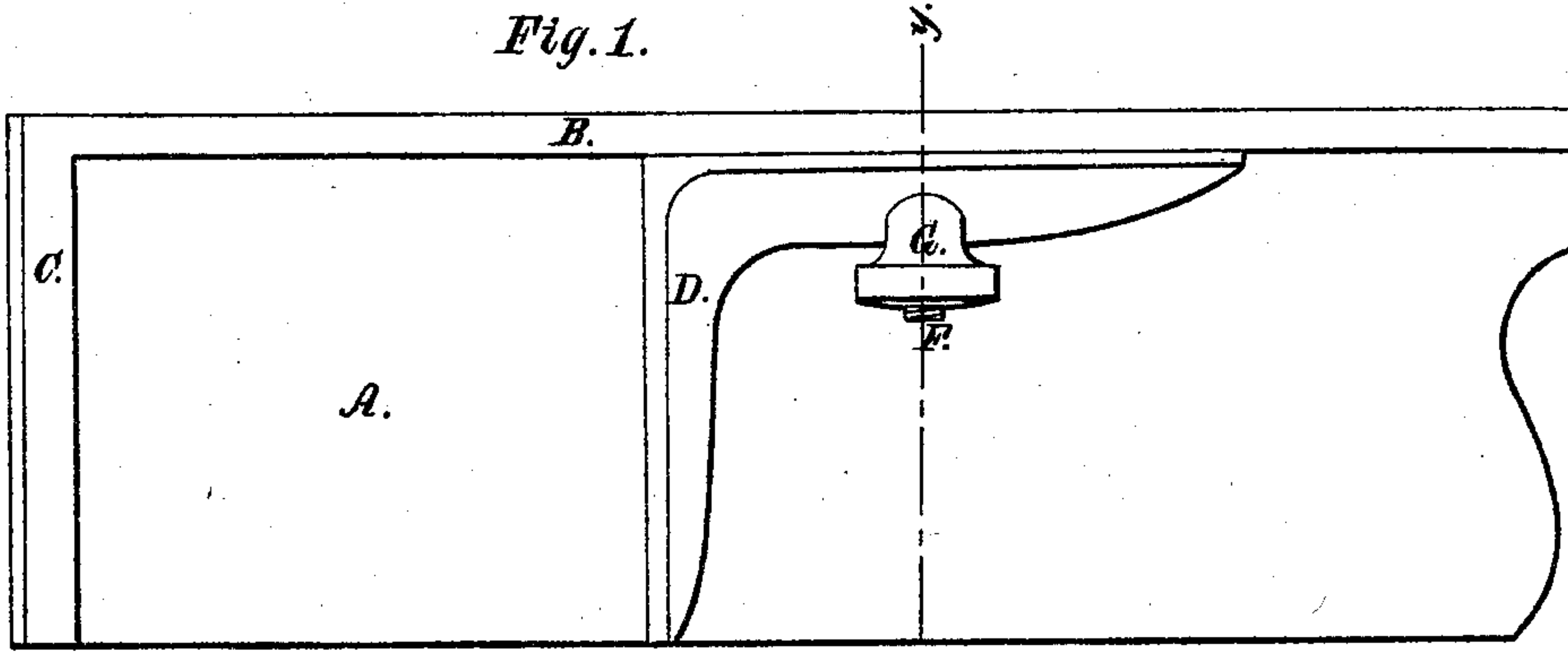


Fig. 2.

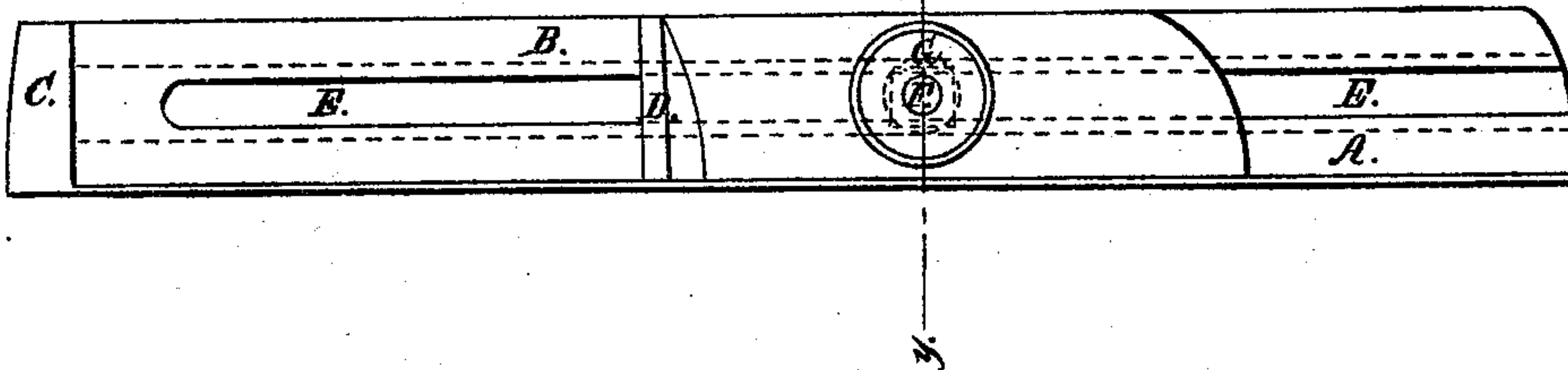
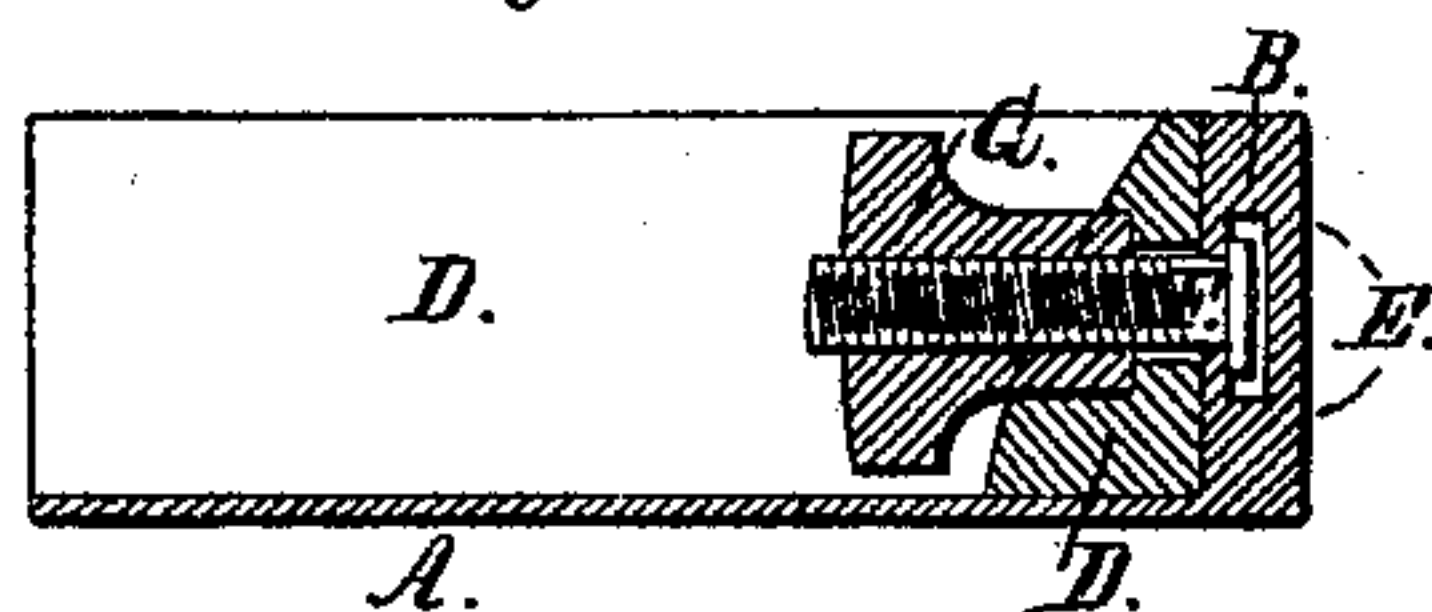


Fig. 3.



Witnesses.
N. B. Lombard.
Frank Allen

Inventor.
John M. Eaton.

United States Patent Office.

JOHN M. EATON, OF CHARLESTOWN, MASSACHUSETTS.

Letters Patent No. 93,426, dated August 10, 1869.

IMPROVEMENT IN COMPOSING-STICKS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN M. EATON, of Charlestown, in the county of Middlesex, and State of Massachusetts, 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 same, taken in connection with the accompanying drawings, making a part of this specification, and the letters of reference marked thereon, in which—

Figure 1 is a plan of my improved composing-stick; Figure 2 is a front elevation; and Figure 3 is a transverse section on line *y y* on figs. 1 and 2.

The same letters refer to the same parts in all the figures.

The nature of my invention relates to the manner of attaching the movable jaw or gauge to the back and holding it at the desired point, and consists in the use of a longitudinal groove formed in the inner face of the back of the stick of such a form as to hold the head of the clamping-bolt, so as to clamp the movable jaw or gauge firmly to the back when the holding-nut is screwed up.

My invention also consists in the use, in combination with said groove, of a clamping-bolt and thumb-nut, so arranged and applied that no portion of the clamping-device shall project above the common level of the top of the stick, said bolt being fitted to slide in the groove formed in the back of the stick, the whole stick being so constructed that the outer surface of back and bottom shall be perfectly smooth and level.

My invention produces a composing-stick that is

easily and readily adjusted, that will rest in a steady position on any flat surface, whether resting on its bottom or on its edge, and at the same time there are no projections about it that interfere with taking an impression of the matter set up while it remains in the stick.

In the drawings—

A is the bottom, B the back, and C the fixed end, which constitute the main body of the stick.

D is the movable jaw or gauge.

E is a groove formed in the back B, said back being made from two pieces of metal to facilitate the construction of said groove and riveted together.

F is the clamping-bolt, and

G, the thumb-nut, by means of which the clamping-bolt is made to bind the parts together.

The operation of my improved stick is so obvious that it needs no description.

What I claim as new, and desire to secure by Letters Patent, is—

1. The formation of a longitudinal groove upon the inner face of the back, fitted to receive the head of a clamping-bolt, in such a manner that the gauge may be set at any desired point by slightly slacking the holding-nut, substantially as described.

2. In combination with the groove E, the use of the clamping-bolt F, and the thumb-nut G, arranged and applied substantially as described.

Executed at Boston, this 8th day of June, 1869.

JOHN M. EATON.

Witnesses:

N. C. LOMBARD,
FRANK ALLEN.