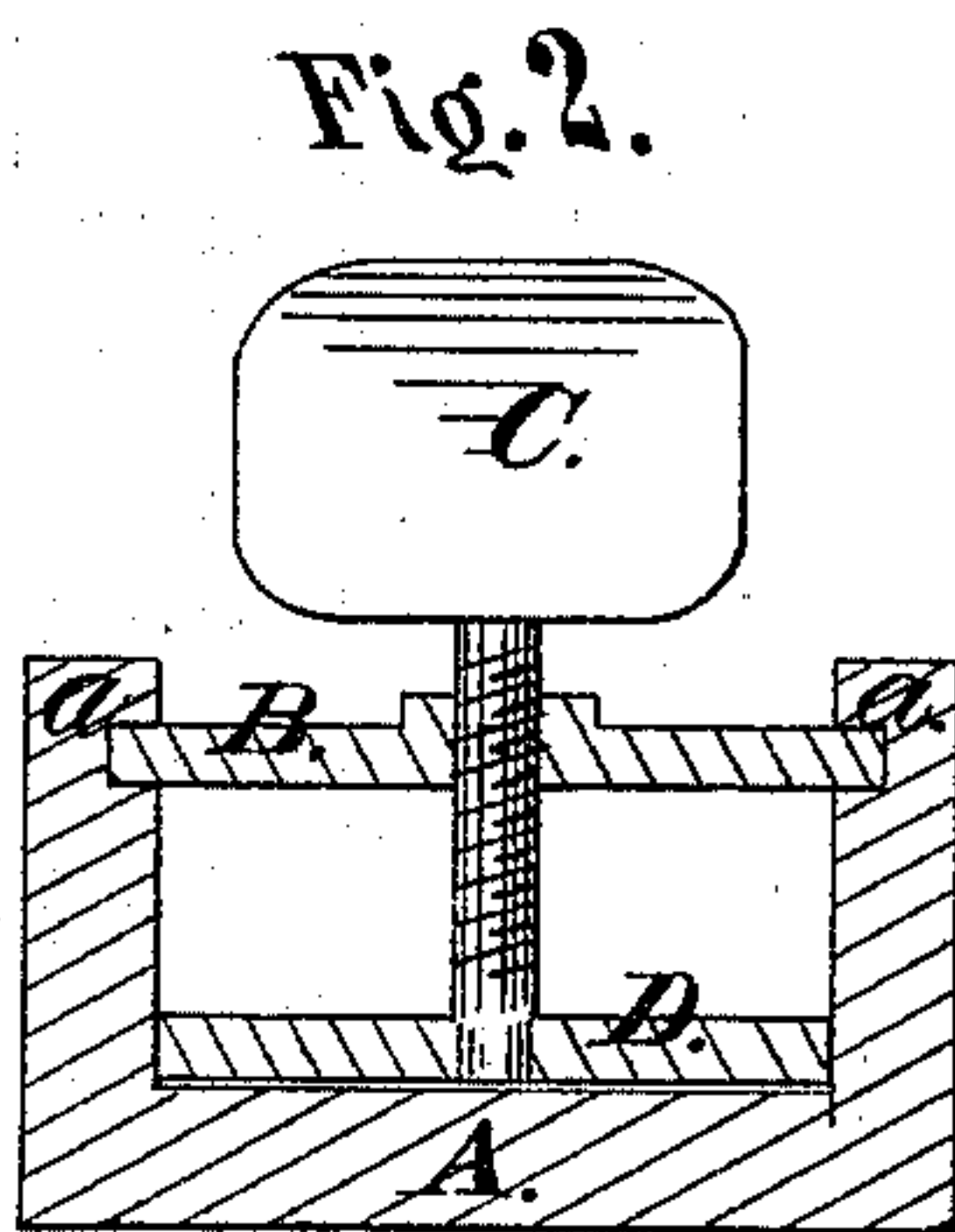
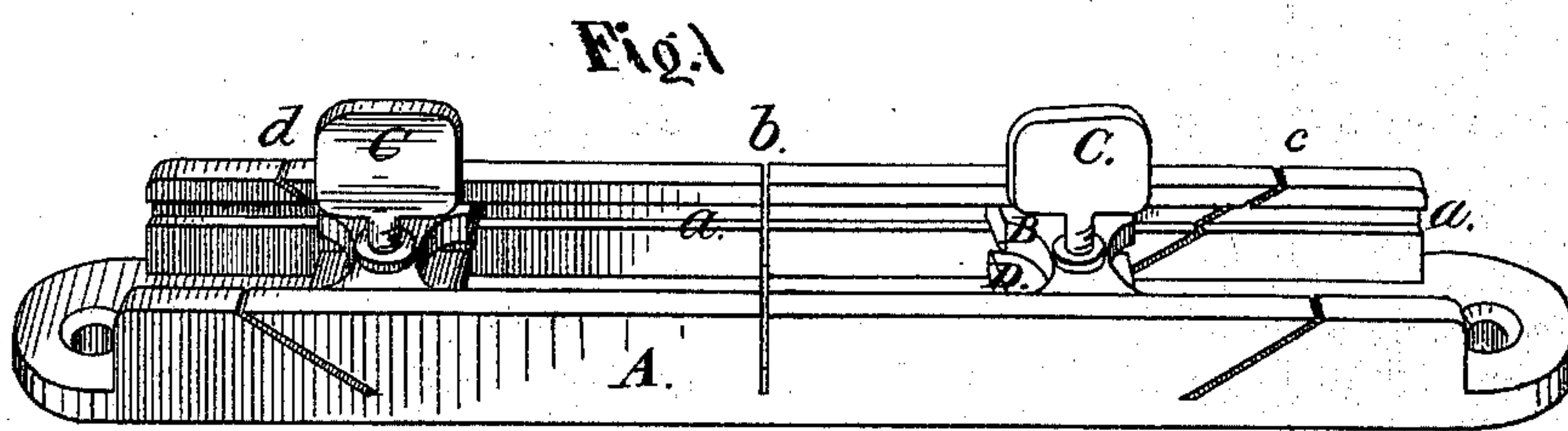


T. H. MEAD.

Miter-Boxes for Cutting Printers' Rules.

No. 144,406.

Patented Nov. 11, 1873.



Witnesses.

E. H. Johnson

C. H. Brown

Inventor.

T. H. Mead  
per A. M. Orngui

Atty.

# UNITED STATES PATENT OFFICE.

THEODORE H. MEAD, OF NEW YORK, N. Y., ASSIGNOR TO R. HOE & CO.,  
OF SAME PLACE.

## IMPROVEMENT IN MITER-BOXES FOR CUTTING PRINTERS' RULES.

Specification forming part of Letters Patent No. **144,406**, dated November 11, 1873; application filed  
March 6, 1873.

*To all whom it may concern:*

Be it known that I, THEODORE H. MEAD, of the city, county, and State of New York, have invented an Improved Miter-Box for Cutting Printers' Rules, of which the following is a specification:

My invention relates to miter-boxes for cutting printers' rules, especially brass ones, and has for its object to produce a better and cheaper device than has heretofore been made.

Figure 1 is a perspective view of my improved miter-box, and Fig. 2 a transverse section thereof.

A represents the box, which has on the interior of its sides longitudinal grooves, *a a*, in which fit and slide the pieces B, provided with a tapped hole, through which the thumb-screws C C work. At the lower extremity of these screws are swiveled clamps D, which fit the inside of the box, as shown. On turning the screws these clamps are either depressed or elevated, clamping or releasing the rule. On referring to the drawing it will be

seen that the sides of the box have the usual slits for the saw to work in when cutting the rule. At each end of the box is a screw-hole for securing it to a table, &c.

From the foregoing it will be understood that I construct my box with longitudinal grooves on the interior of the sides, and in these grooves slide the pieces B, through which the screws carrying and operating the clamps work. By this means I produce a substantial, convenient, and cheap box, and one adapted for cutting miter, as well as square, joints.

I claim—

The combination with the box A, provided with longitudinal grooves *a* and slits *b*, *c*, and *d*, of the clamping-plates and screw D B C, constructed and operating substantially in the manner described.

THEODORE H. MEAD.

Witnesses:

STEPHEN S. HOE,  
E. H. JOHNSON.