

J. T. Robinett,

Journal.

No. 99,711.

Patented Feb. 8. 1870.

fig. 1.

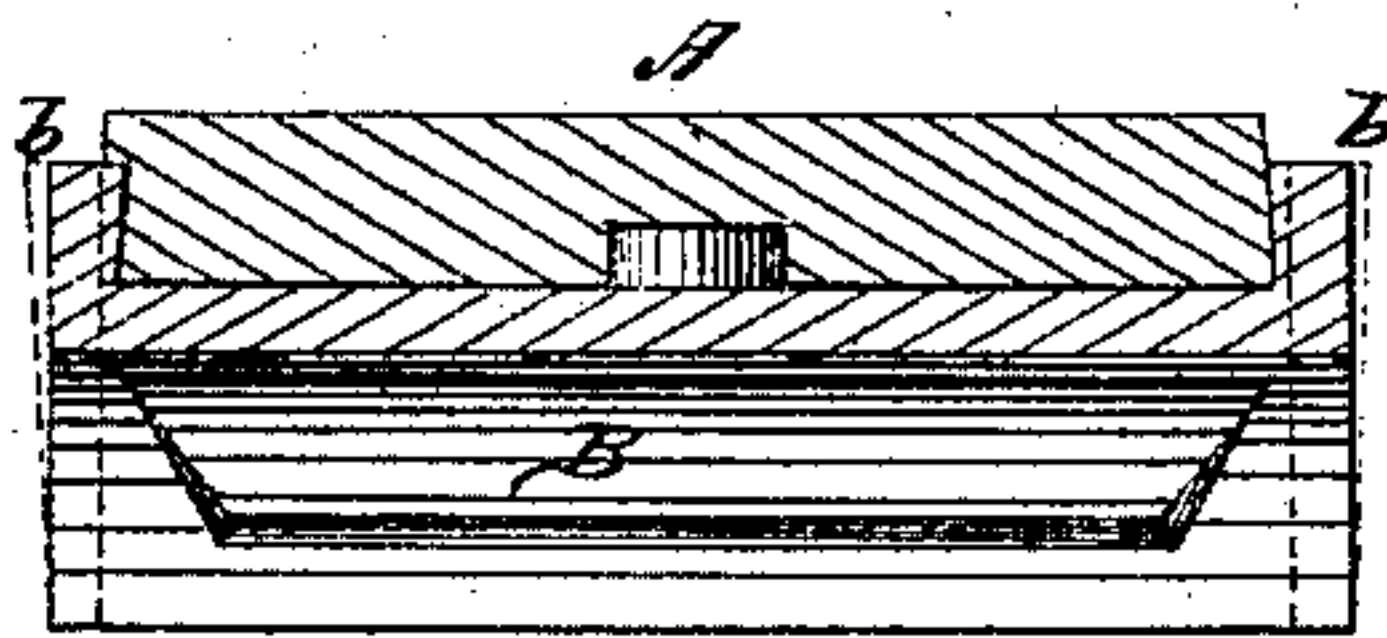
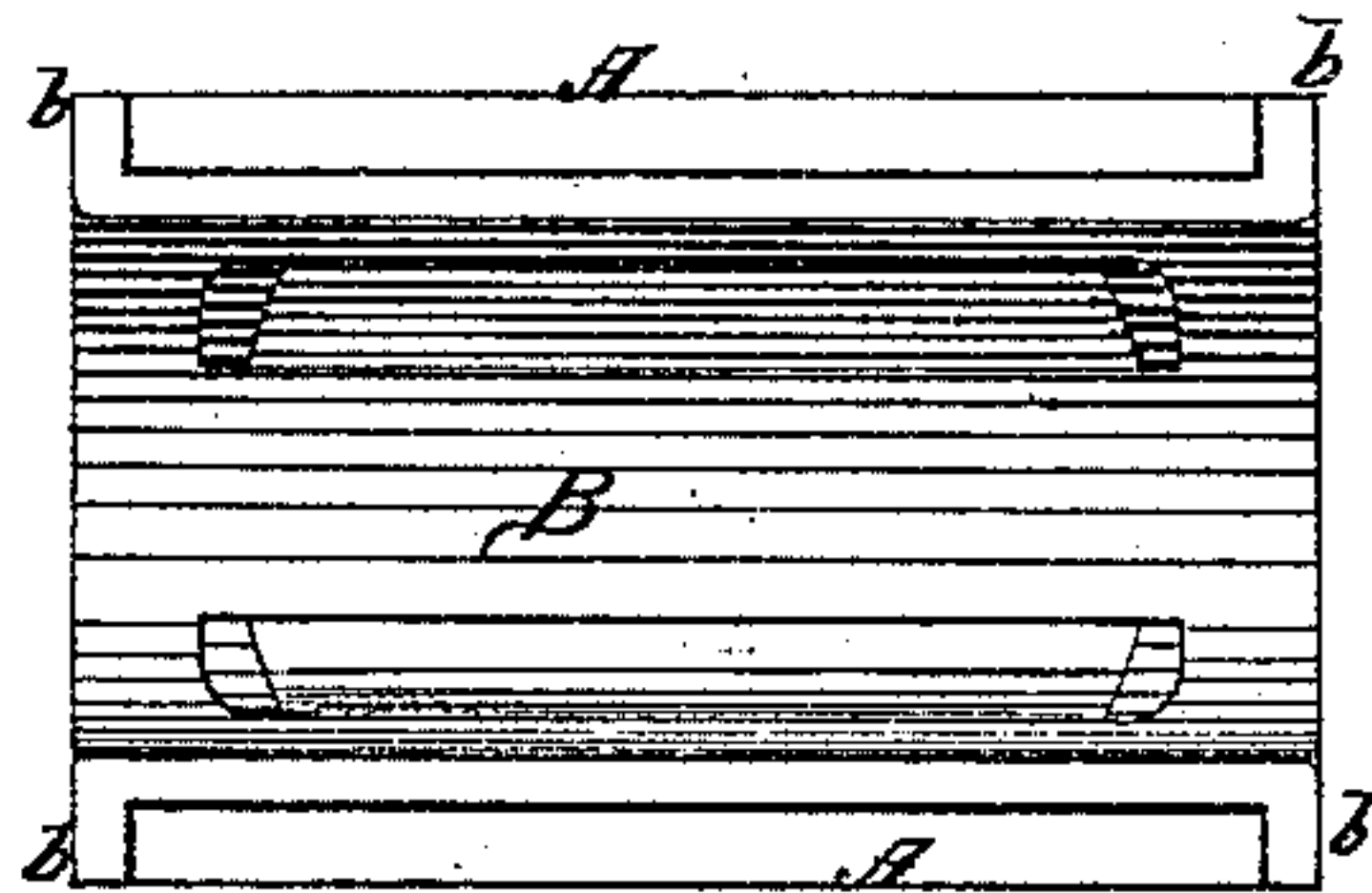


fig. 2.



Witnesses:

Victor Hagmann
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JAMES T. ROBINETT, OF PETERSBURG, VIRGINIA, ASSIGNOR TO HIMSELF,
WILLIAM MAHONE, AND JOSEPH P. MINETREE, OF SAME PLACE.

Letters Patent No. 99,711, dated February 8, 1870.

IMPROVEMENT IN JOURNAL-BOXES.

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, JAMES T. ROBINETT, of Petersburg, in the county of Dinwiddie, and State of Virginia, have invented a new and improved Journal-Box; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plan view of the concavity of the box and lining, and

Figure 2 is a longitudinal vertical section of the same.

The invention is an improvement over that for which Letters Patent, No. 78,832, dated June 9, 1868, were issued to myself and G. W. Goodwyn.

The improvement relates to the manner in which the bearing-piece and its lining are united together, referring to that class of journal-boxes which is made in two parts.

In my other invention, the box and lining are connected by teats, projecting from near each end of the latter into funnel-shaped sockets in the former, said teats being "upset" in said sockets. This method necessarily weakens the box.

This invention consists in providing flanges at the

ends of the lining, which flanges project past the ends of the box, and are "upset" upon them in such a manner as to be held fast thereon.

In the drawings—

A is the journal-box, and B its brass lining, made in skeleton form, to receive the Babbit or other anti-friction metal which forms the bearing. The ends of the box slant slightly backward.

From the ends of the lining dovetail flanges, *b b*, project past the ends of the box, and when upset upon the inclined ends of the latter, are held firmly thereby, and a secure connection between box and lining is formed.

This method obviates the peculiar difficulty of the other, described above, as it in no respect weakens the box, but rather adds to its strength.

Having thus described my invention,

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

The method of connecting the box A and lining B, substantially as set forth.

JAS. T. ROBINETT.

Witnesses:

SOLOM C. KEMON,
CHAS. A. PETTIT.