

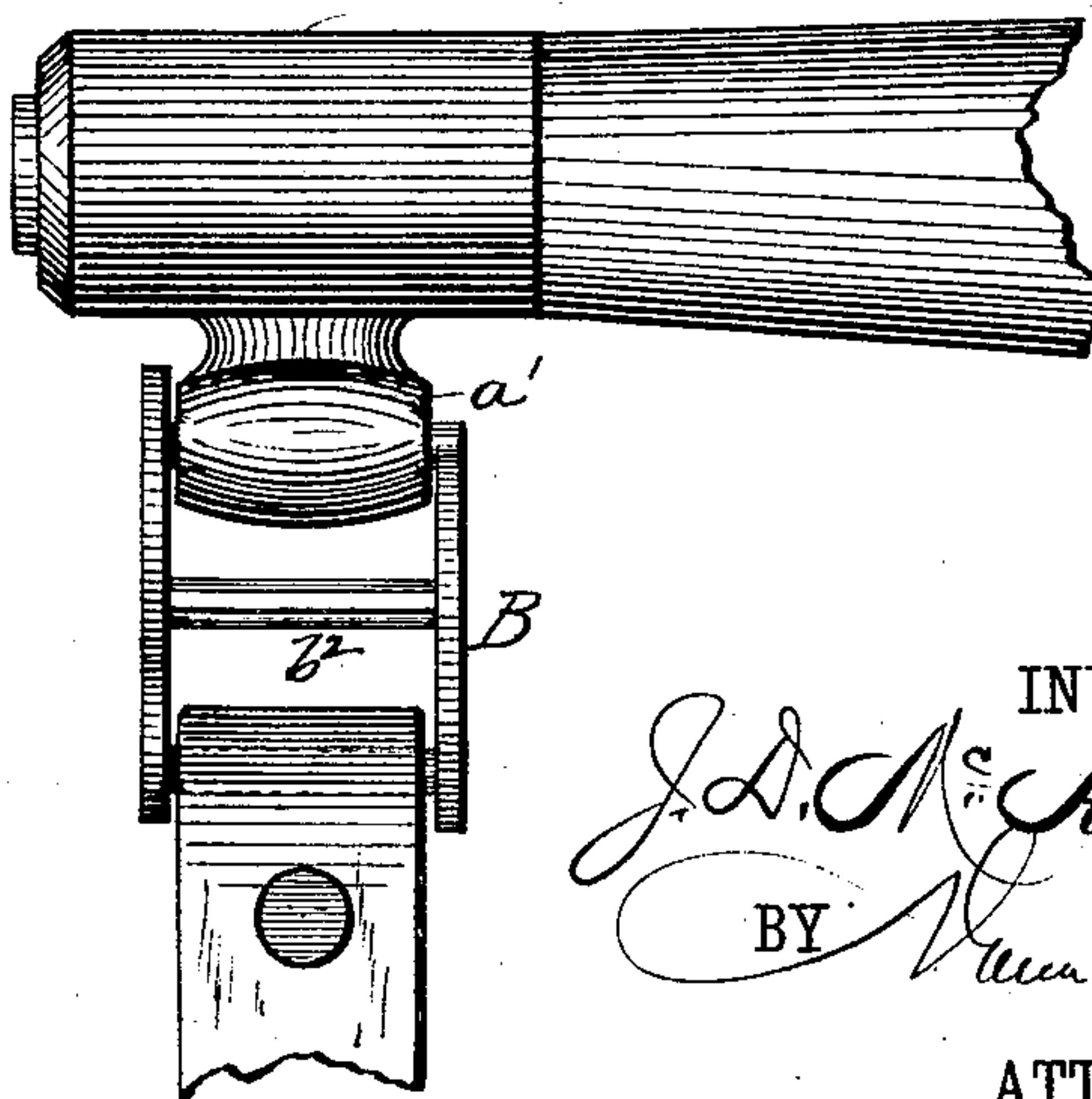
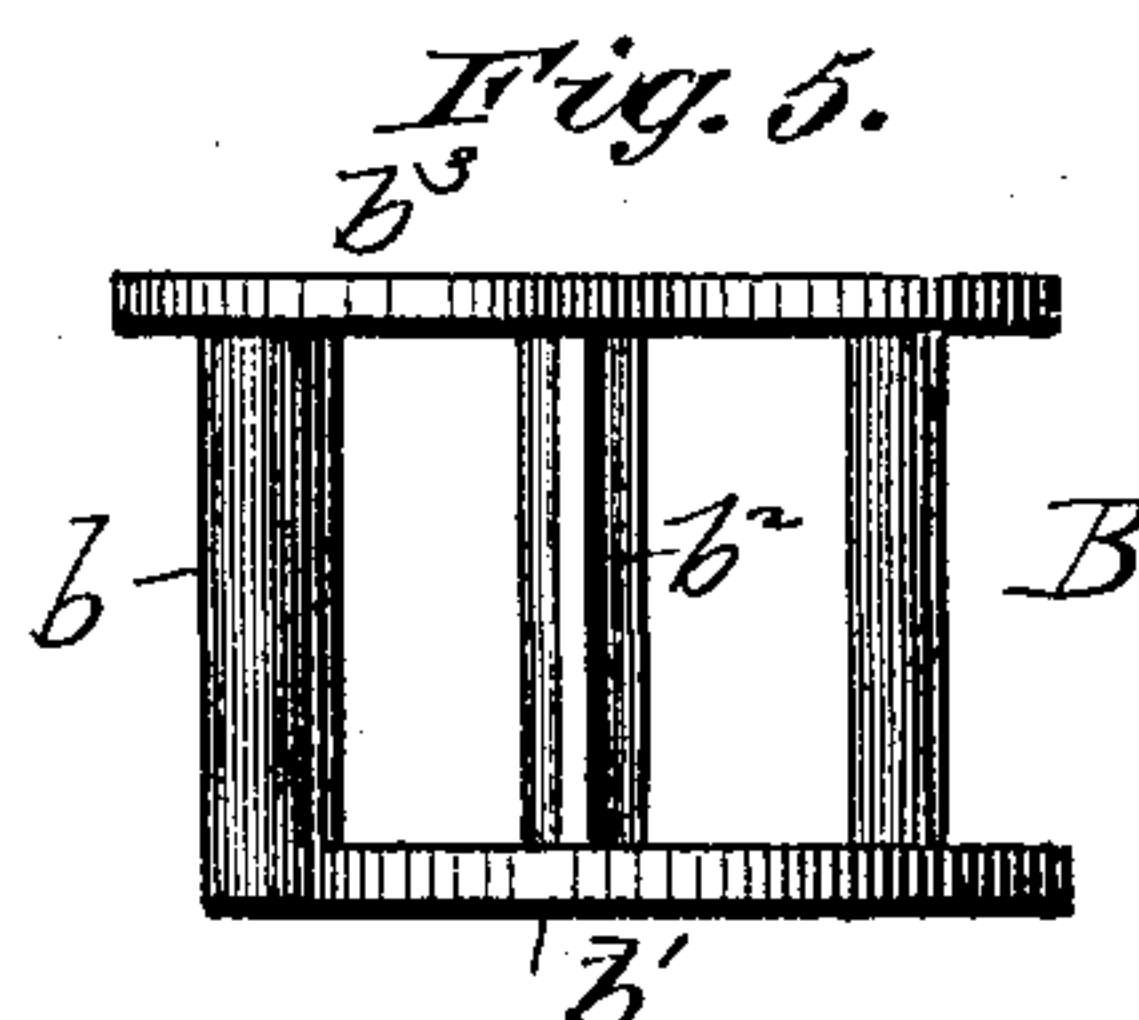
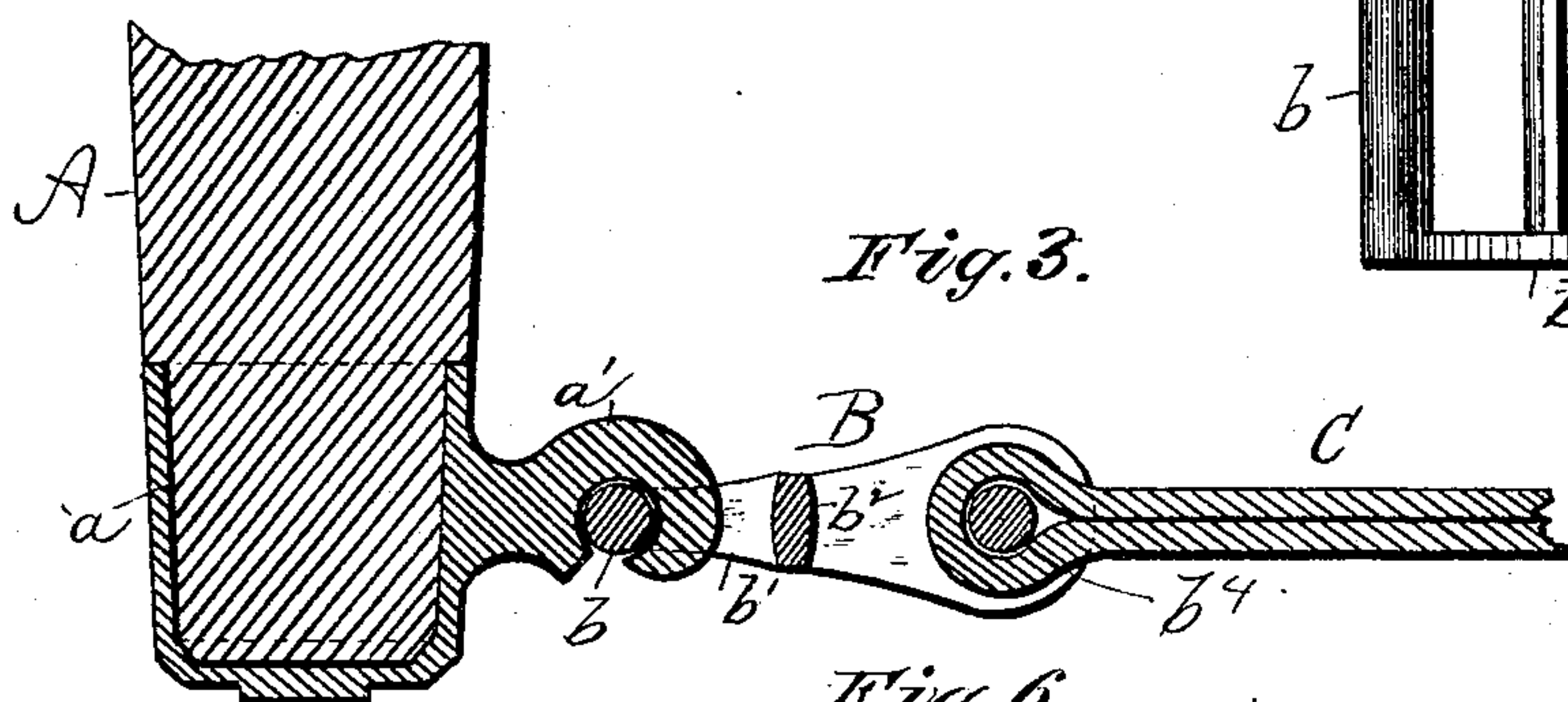
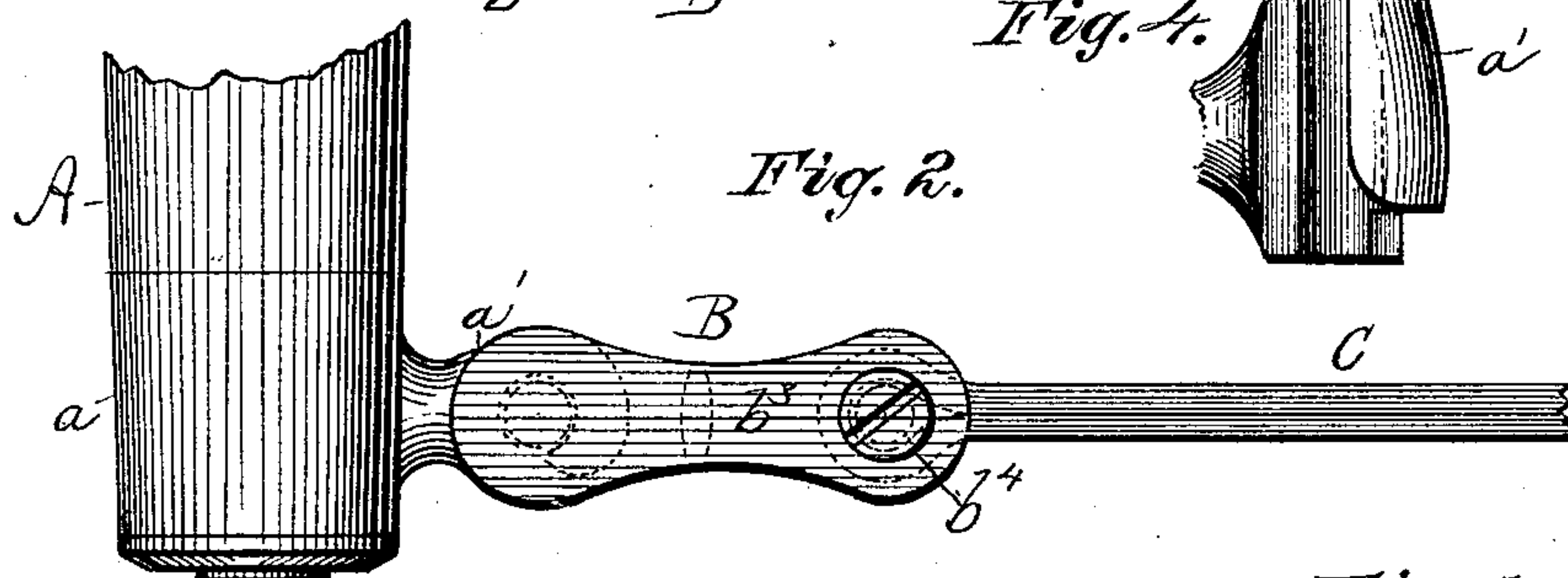
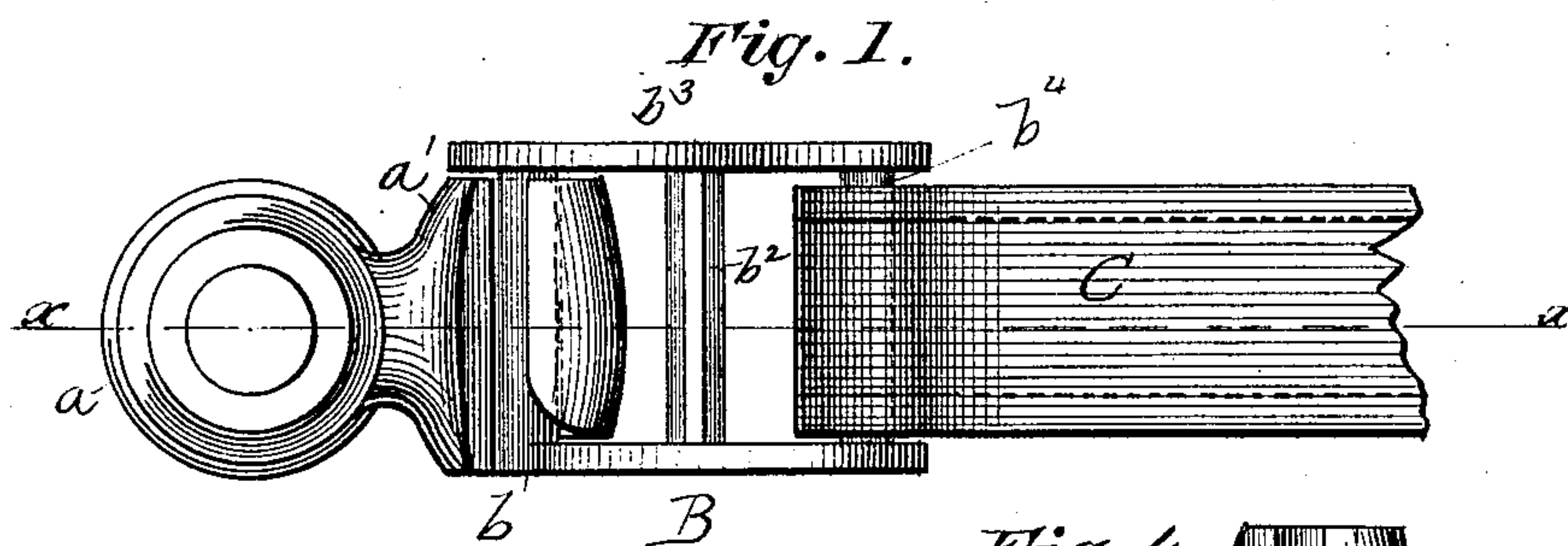
(No Model.)

J. D. McANALLY.

HARNESS CATCH AND COCKEYE FOR WHIFFLETREES, &c.

No. 247,089.

Patented Sept. 13, 1881.



WITNESSES:

WITNESSES:
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INVENTOR:

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UNITED STATES PATENT OFFICE.

JAMES D. McANALLY, OF WATERLOO, INDIANA.

HARNESS CATCH AND COCKEYE FOR WHIFFLETREES, &c.

SPECIFICATION forming part of Letters Patent No. 247,089, dated September 13, 1881.

Application filed March 25, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES D. McANALLY, a citizen of the United States, residing at Waterloo, in the county of De Kalb and State of Indiana, have invented a new and useful Improvement in Harness Catches and Cockeyes, of which the following is a full, clear, and exact description, reference being had to the drawings forming part of this specification.

The object of my invention is to provide a hitching device for all parts of a harness, which shall combine simplicity of construction and security of attachment; and it consists in a hooked catch of peculiar construction and a cockeye having a pintle, which is inserted endwise into the catch, as will be hereinafter more fully described.

In the accompanying drawings, Figure 1 represents a side view of my invention as used upon a whiffletree; Fig. 2, a top view of the same, showing the broad upper plate; Fig. 3, a horizontal section of the same, showing the narrow bottom plate; Figs. 4 and 5, detail views, and Fig. 6 my invention as used upon a neck-yoke.

A represents one end of a whiffletree, provided with a ferrule, *a*, having on its forward portion a catch, *a'*, which is outwardly and backwardly curved, so as to form a bearing for the pintle *b* of the cockeye B. The said catch is curved sufficiently to prevent the accidental escape or release of the pintle sidewise, which is inserted vertically at the top, and therefore cannot be detached without being lifted out of position. To accomplish this the cockeye B, whose bottom plate, *b'*, is reduced in width where it connects with the lower end of the pintle, is turned back until its central cross-piece, *b²*, touches the end of the whiffletree, when it may be easily removed by an upward movement.

To facilitate removal the lower portion of the hook is cut away, thereby allowing the cockeye to slide upward as it is turned back against the end of the whiffletree.

The top or upper plate, *b³*, of the cockeye is made broad, so as to cover the top of the catch and protect the pintle and its bearing from dirt. The tug C is attached to the forward end of the cockeye by means of a bolt, *b⁴*, passing through the ends of its two plates, or by any similar device.

It is obvious that my invention is equally as well adapted for use upon neck-yokes, bridle-bits, water-hooks, and, in fact, upon all parts of a harness where catches are desired.

I am aware that a whiffletree-catch similar to mine in operation has been constructed with an inwardly-opening slot; but from its position or arrangement it cannot be so easily and conveniently operated as when opening outwardly, as in my invention, in which the cockeye is allowed greater room for oscillation when being engaged or disengaged.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a harness, a ferrule having an outwardly or endwardly opening catch, *a'*, which is clipped away on its under side, in combination with a vertically-inserted cockeye, B, having a broad top plate, *b³*, substantially as shown and described, whereby the cockeye may be engaged or disengaged with ease and the pintle protected from dust, as set forth.

JAMES DISHA McANALLY.

Witnesses:

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