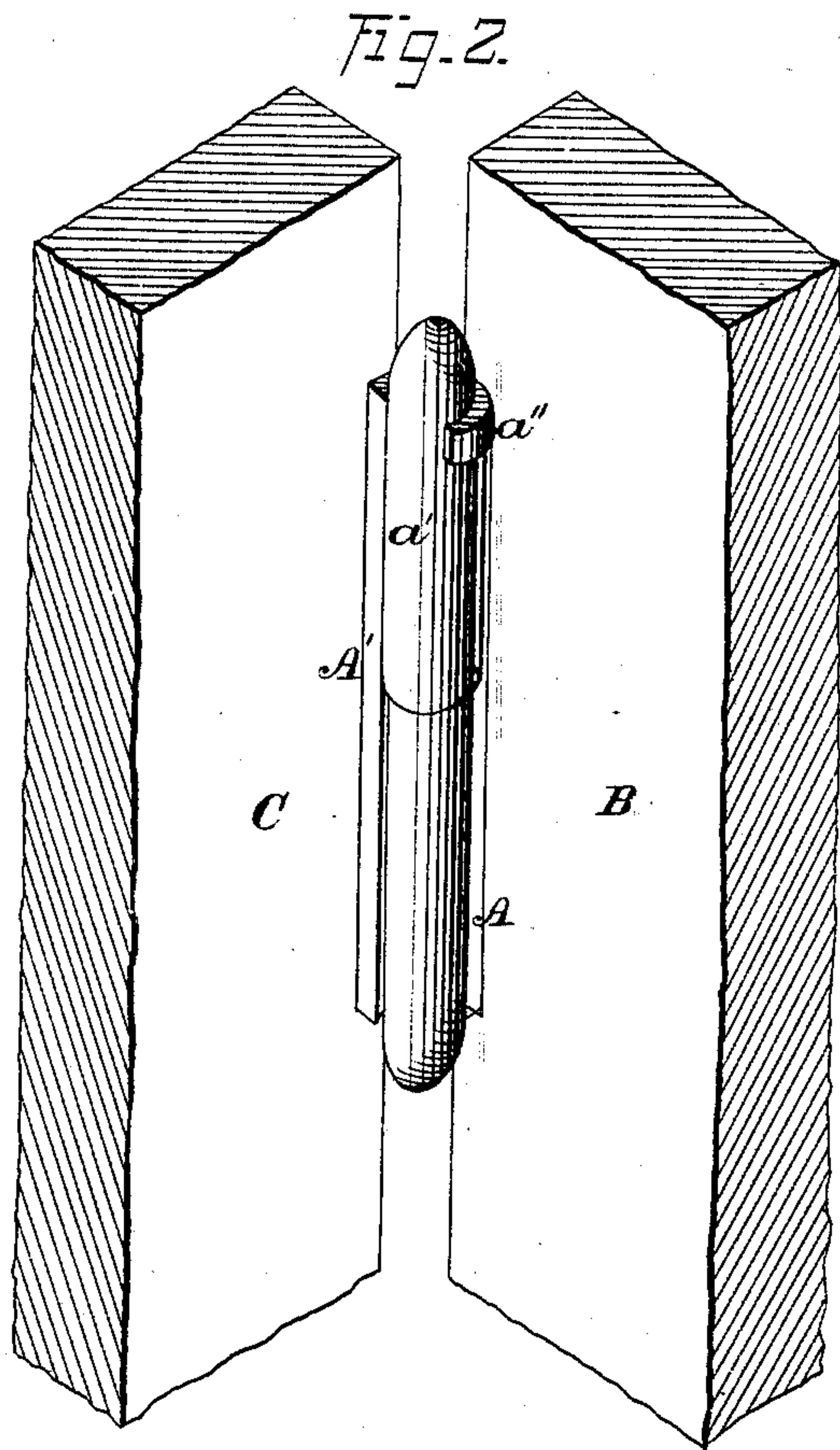
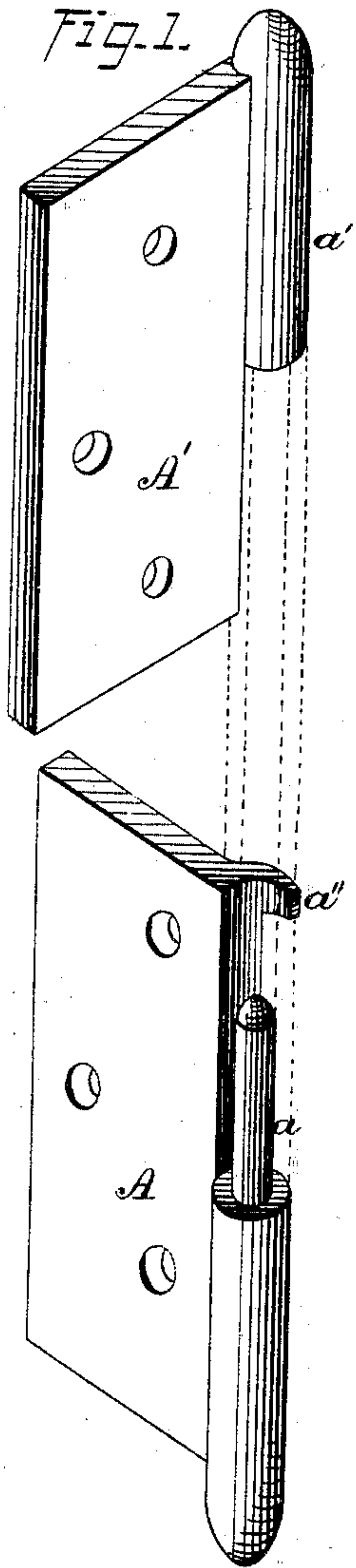


A. BARKER.

HINGES.

No. 180,314.

Patented July 25, 1876.



WITNESSES=

Jas. E. Hutchinson.
John R. Young

INVENTOR.

Abel Barker, by
Prindle and Son, his Attys.

UNITED STATES PATENT OFFICE.

ABEL BARKER, OF WYOMING, PENNSYLVANIA.

IMPROVEMENT IN HINGES.

Specification forming part of Letters Patent No. **180,314**, dated July 25, 1876; application filed July 20, 1876.

To all whom it may concern:

Be it known that I, ABEL BARKER, of Wyoming, in the county of Luzerne, and in the State of Pennsylvania, have invented certain new and useful Improvements in Hinges; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the sections of my hinge separated from each other, and Fig. 2 is a like view of the same as combined with each other and with a door.

Letters of like name and kind refer to like parts in each of the figures.

To obviate a common difficulty in the ready engagement of the two parts or sections of a hinge, in hanging doors, blinds, and the like, is the design of my invention, which consists in combining, with one of the leaves of a door butt or hinge, a lug which is concentric with the pivotal center of said butt, and is placed so as to operate as a guide when the sections of said butt are placed in engagement with each other, substantially as and for the purpose hereinafter specified.

In the annexed drawing, A represents the lower or stationary section of my hinge, provided with a pintle, *a*, of ordinary form, which engages with the recessed lug or housing *a'* of the upper movable section A', all in the usual manner. Secured to the upper end, at the inner edge of the lower section A, is a lug, *a''*, which extends horizontally outward in a curve, and loosely embraces the upper portion of the housing *a'*, upon the side adjacent to the face of the door-jamb B. The lug *a''* is concentric with the pintle *a*, and therefore does not interfere with the freedom of movement of the housing *a'*, while the length of

said lug is such as to prevent its end from coming into contact with the face of the door C when the latter is opened to its farthest limit.

The lug *a''*, thus constructed and combined with the hinge, furnishes a guide for the upper section while being moved vertically into engagement with the lower section, the housing *a'* being contained by said lug, and prevented from moving laterally out of line with the pintle *a*.

By the use of my hinges the operation of hanging a door or blind is rendered easy, nothing further being required than to place the housing of the door-sections within the curved lugs or guides, and then drop the door or blind to place.

If desired, the guide-lugs may be attached to the lower ends of the loose sections; but it is believed that the arrangement shown will prove most desirable, as said lugs will thereby be less liable to injury than if removable with the door.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

As a new article of manufacture, a hinge or butt provided near the end of one of its sections with a concentric lug, which embraces the inner edge of the opposite section, and operates as a guide for the latter when said sections are moved into engagement with each other, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of November, 1875.

ABEL BARKER.

Witnesses:

WM. HANCOCK,
REUBEN JONES.