

(No Model.)

2 Sheets—Sheet 1.

J. BRAEUEL.
COMBINED FURNITURE AND EXTENSION BEDSTEAD.
No. 446,729. Patented Feb. 17, 1891.

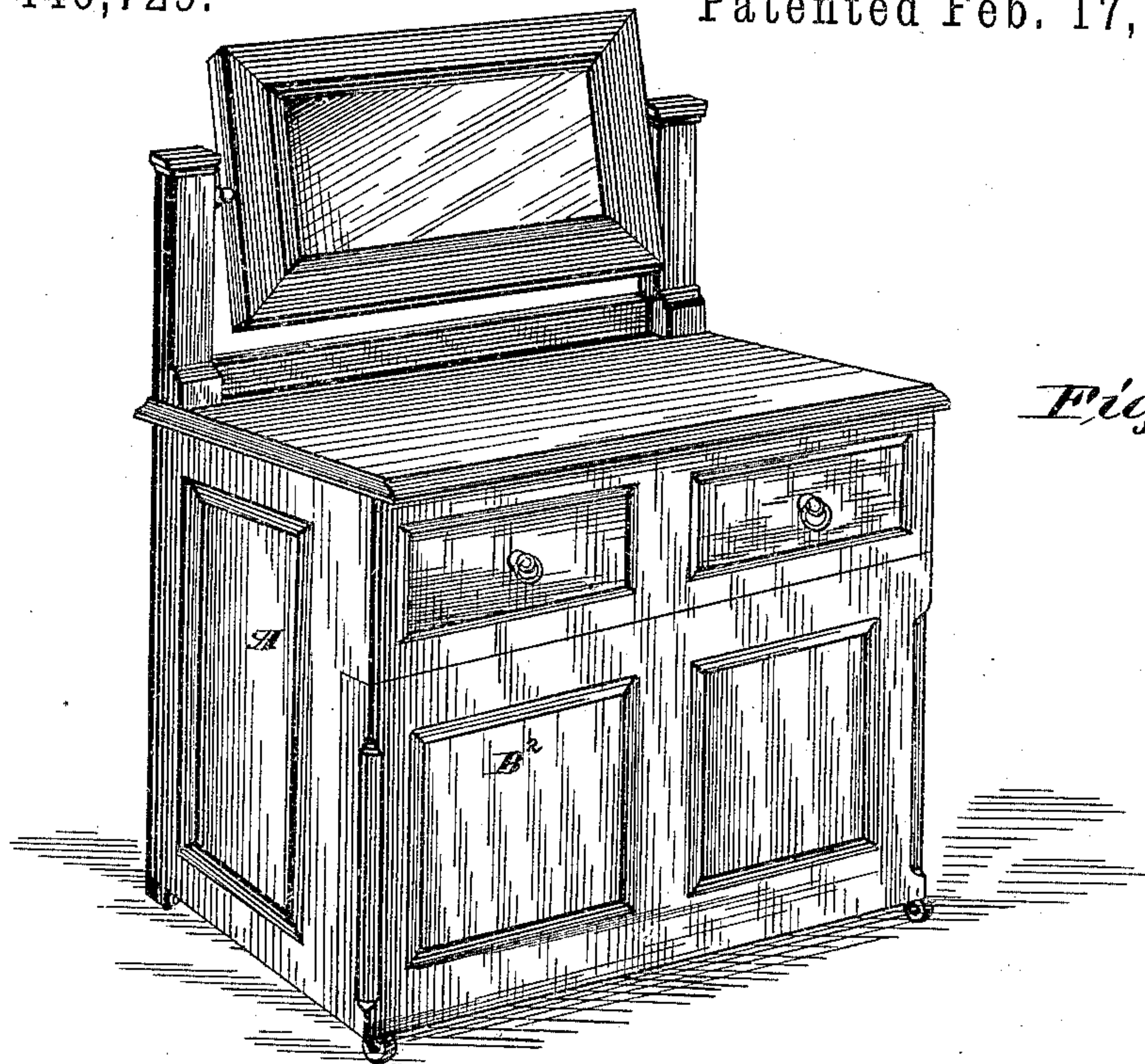


Fig. 1.

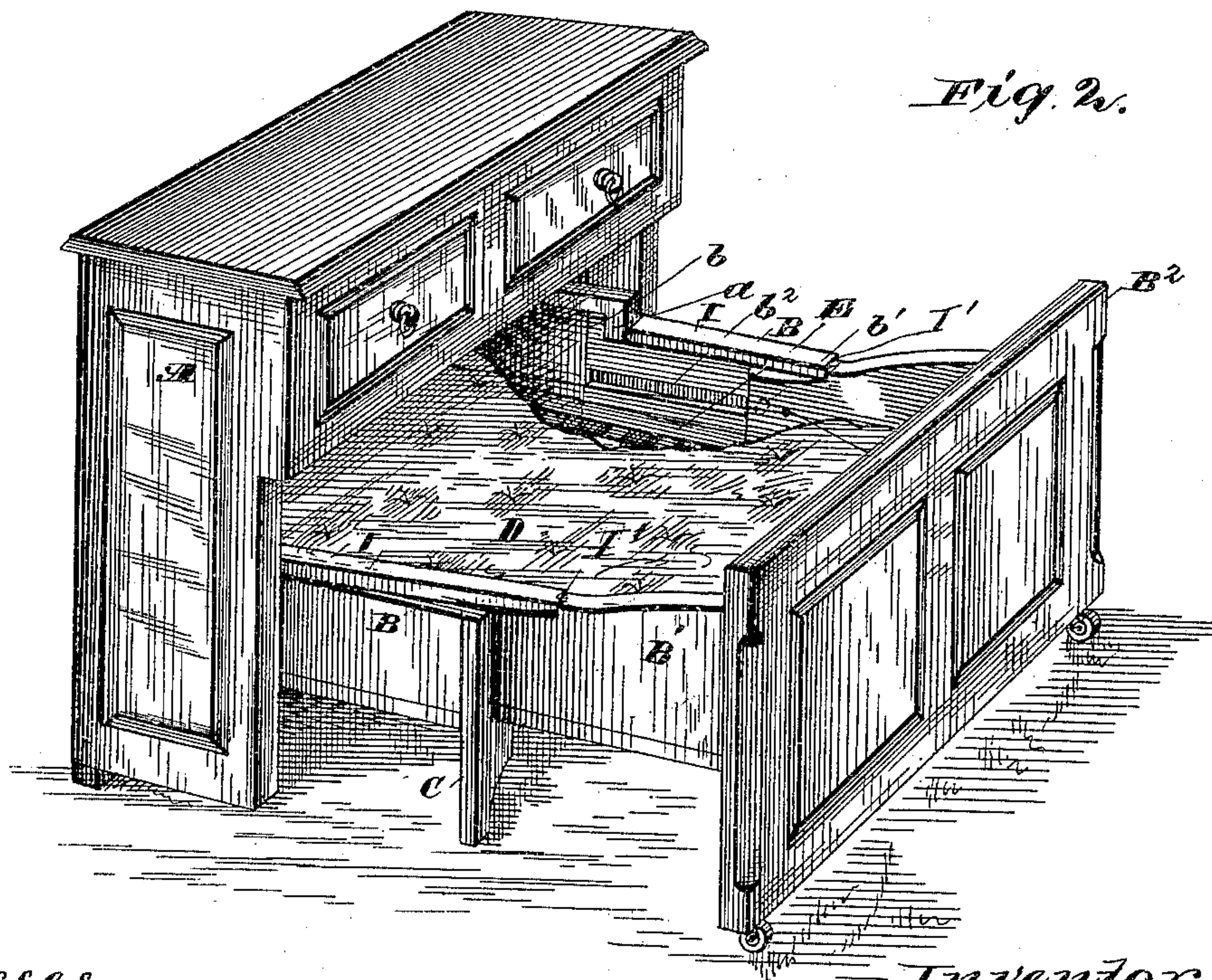


Fig. 2.

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Fig. 3.

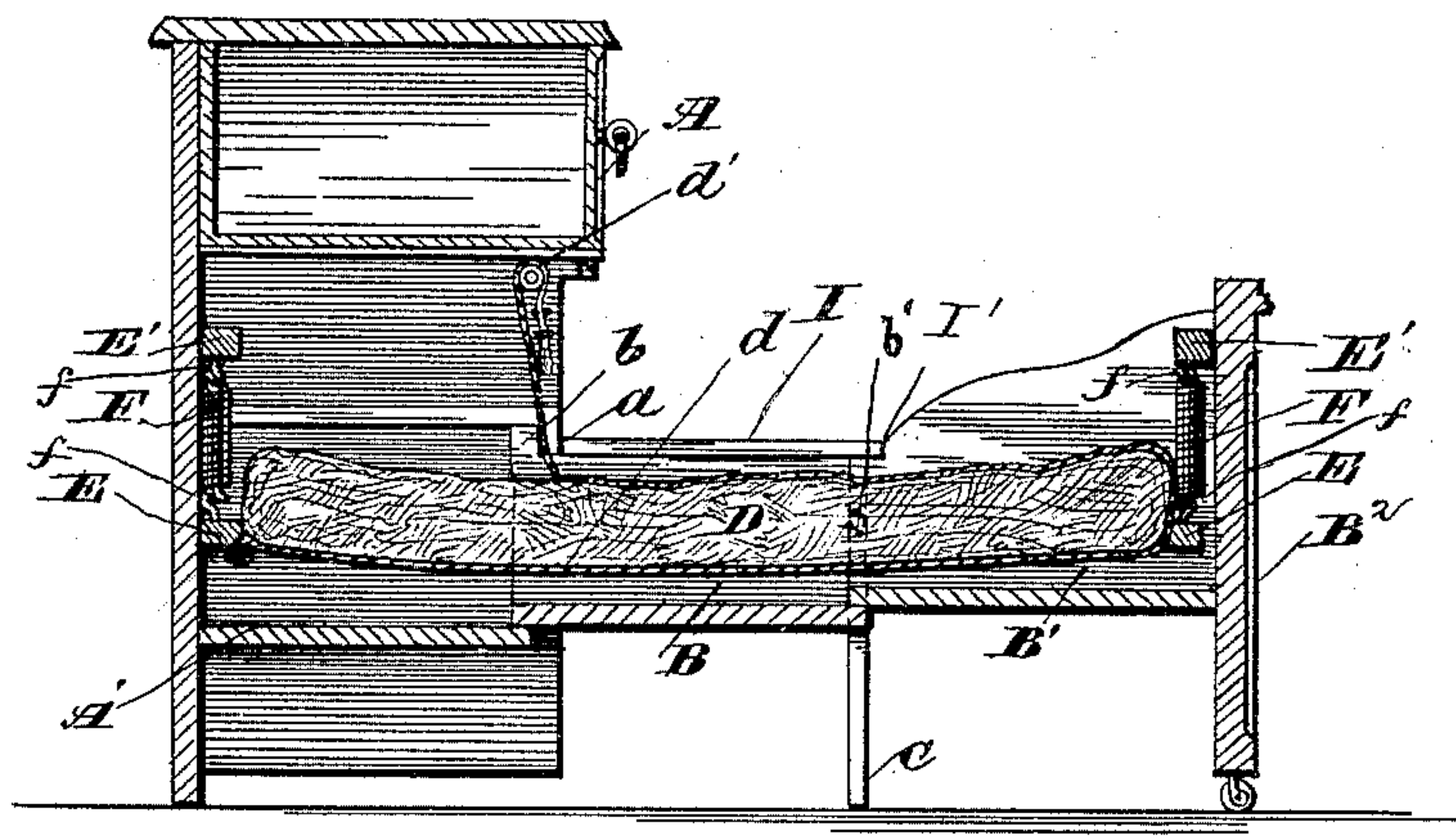
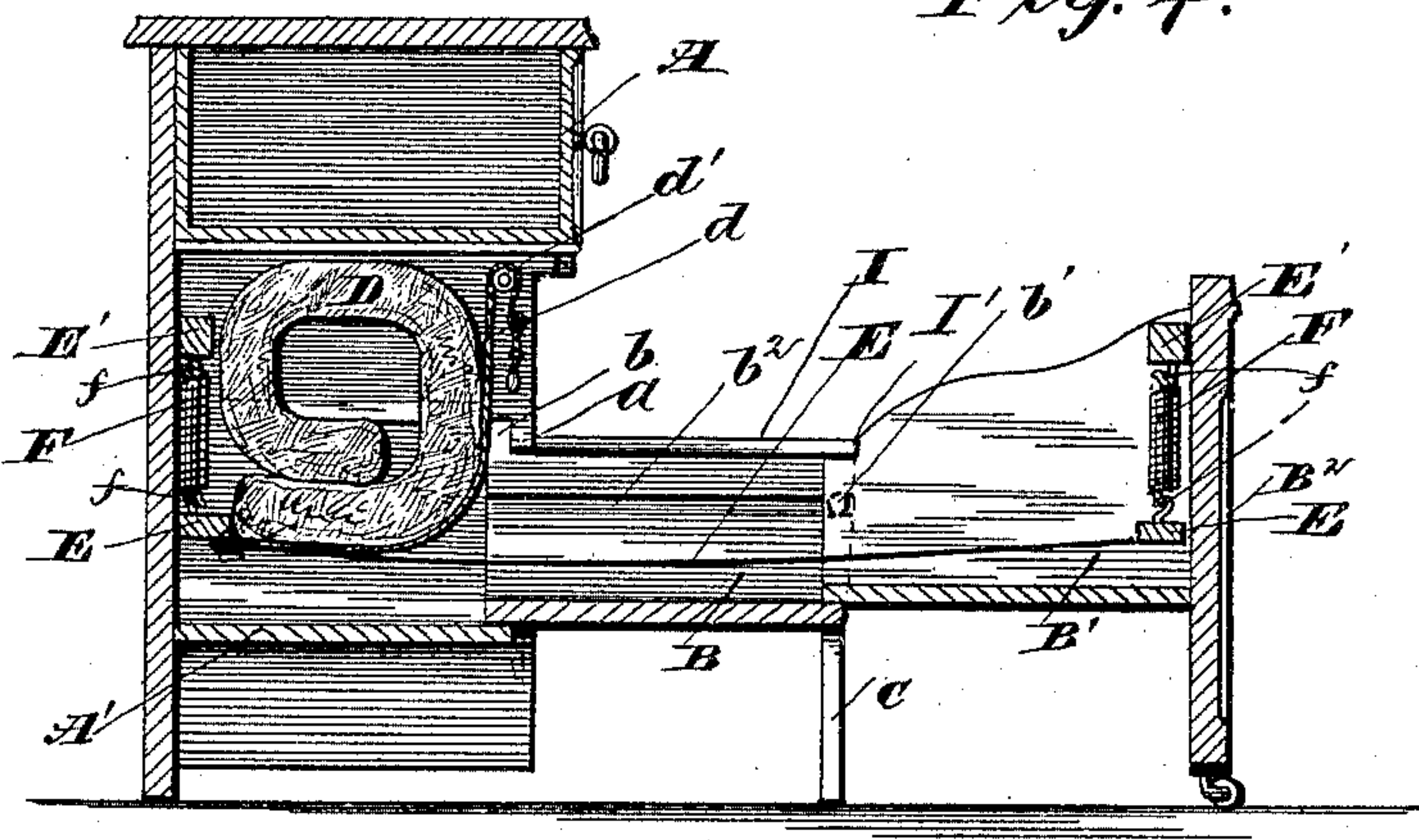


Fig. 4.



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UNITED STATES PATENT OFFICE.

JOHN BRAEUEL, OF CLEVELAND, OHIO.

COMBINED FURNITURE AND EXTENSION-BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 446,729, dated February 17, 1891.

Application filed March 31, 1890. Serial No. 346,117. (No model.)

To all whom it may concern:

Be it known that I, JOHN BRAEUEL, a citizen of the United States, and a resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Combined Furniture and Extension-Bedsteads, of which I hereby declare the following to be a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in combined bedsteads and household furniture; and its objects are to simplify the construction of the bed and reduce it so as to occupy the smallest compass, and at the same time to provide sufficient spring-supports for the mattress.

My invention consists in the combination and arrangement of the parts and details of construction, substantially as shown in the accompanying drawings, described hereinafter, and more specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my bedstead combined with a bureau or stand and shows its appearance when closed. Fig. 2 shows the bed drawn out from the stand and containing a mattress and ready for occupancy. Fig. 3 shows a longitudinal central section with mattress down, and Fig. 4 a similar central section with mattress rolled for closing the bed.

A in the drawings represents the main frame of the case of drawers, wash-stand, or sideboard to which the bed is attached. The depth of the case may be made somewhat greater than usual to accommodate the bed and bedding when closed.

B B' represents the side rails of the bed-frame, which are formed in sections, the rails of section B' sliding within those of the section B, and B sliding within the frame A. The head-board B² supports the sections from the floor at the forward end, and forms an ornamental front for the case A when the bed is closed.

A platform, as A', traverses the lower portion of the case A, upon which the section B slides, and which supports the entire bed when closed. A lug, as b, engages the stop a on the frame A and prevents the section B

from being entirely drawn out. The second section B' is provided with lugs or pins, as b', (shown in dotted lines,) which engage the grooves b² in the rails in section B and guide the movement of the section B'. Stops across the openings of the grooves b² prevent the pins from sliding out. Legs, as C, attached to the section B, support the central part of the bed.

The mattress D is placed upon a support of crossed bands extending from bars, as E, placed across the extreme ends of bed, which in turn depend from transverse bars, as E', placed at the height of the upper edge of the rails by means of helical springs F, attached to eyes, as f, in the respective upper and lower bars. These springs and bars are so adjusted as to place the bottom of the mattress a few inches above the floor of the sections and allow plenty of room for vertical movement.

A large variety of furniture is suited to use with this form of sliding or telescoping bed, and its advantages are the convenient form in which the bed and frame may be stowed away and still leave abundant space above for drawers or cupboard; also, the spring-bottom is permanently in place, and only the bedding requires to be rolled up when the sections are drawn together.

Rollers are placed on the outer supports of the bed-frame to give an easy movement to the parts.

In order that the mattress may be readily rolled up when it is desired to close the sections of the bed together, cords d are passed under the bed and fastened to the rear of the furniture-stand. The free ends of the cords are then allowed to project and pass over rollers, as d', and serve to roll up the mattress in the most compact form, so that it can be inclosed in the bed-sections.

Strips, as I, project from the sections B and engage shoulders I', formed at or near the inner ends of the sections B', thereby providing stops to secure the sections against telescoping when said sections are extended to form a bed. These strips may be removably inserted between the stops a and shoulders I, or they may be hinged to the section B or othersuitable part of the device; but if hinged it is obvious that the hinges must be so located as to permit the strips to swing out of the

way when the bed is to be closed, and at the same time themselves not interfere with the free closing of the bed. I do not limit myself to the use of strips for keeping the sections
5 from telescoping when it is desired to have the bed remain open, as almost any form of catch will be equally well adapted to the purpose.

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

1. In a combined bed and furniture stand, a main hollow frame, as A, and the extensible bed-sections, in combination with a mattress,
15 a permanent mattress-support, a pulley located within the main frame, and a cord secured at one end to the frame of the mattress-support, extending along the under side of the mattress, around the end thereof to and
20 around said pulley, and having its free end accessible to the operator, all substantially as and for the purposes specified.

2. In a combined bed and furniture stand, a main hollow frame, as A, having a platform
25 A' and a stop α , and the telescopic sliding sections B B', said sections B having longitudinal grooves and provided at their rear ends with projections engaging said stops α , said sections B' sliding within said sections B and
30 having pins engaging the grooves thereof, and a stop projecting from one of said sections and engaging the other for securing said sections when opened, all arranged, combined, and operating substantially as shown, and for the
35 purposes set forth.

3. As an improved article of manufacture, a combined bedstead and bureau or like article of furniture, consisting of a main frame, as A, having its upper portion formed with drawers and its lower portion open, a platform A' within said open portion, a stop, as
40 α , also within said open portion at the forward end thereof, the sliding telescopic bed-sections B and B', said sections B supported on said platform A' and having projections
45 engaging said stops α , an end board secured to the outer ends of said section B' and closing the opening in the frame A when the article is not in use as a bed, and means projecting from one of said sections to the other
50 for securing the same when opened, all substantially as shown and described.

4. As an improved article of manufacture, a combined bed and furniture stand consisting of a main frame having its upper portion
55 formed with drawers and its lower end formed open, telescopic bed-sections received by said open part of the main frame when not in use, a pliable permanent mattress-support consisting of bands of pliable material secured
60 to transverse rigid end strips, and helical springs suspending said mattress-support, all substantially as shown and described.

In testimony whereof I hereunto set my hand this 25th day of February, 1890.

JOHN BRAEUEL.

Witnesses:

WM. M. MONROE,
MAYENE REID.