

Holder & Bracket.

Bed Bottom.

Nº 90,171.

Patented May 18, 1869.

Fig. 1.

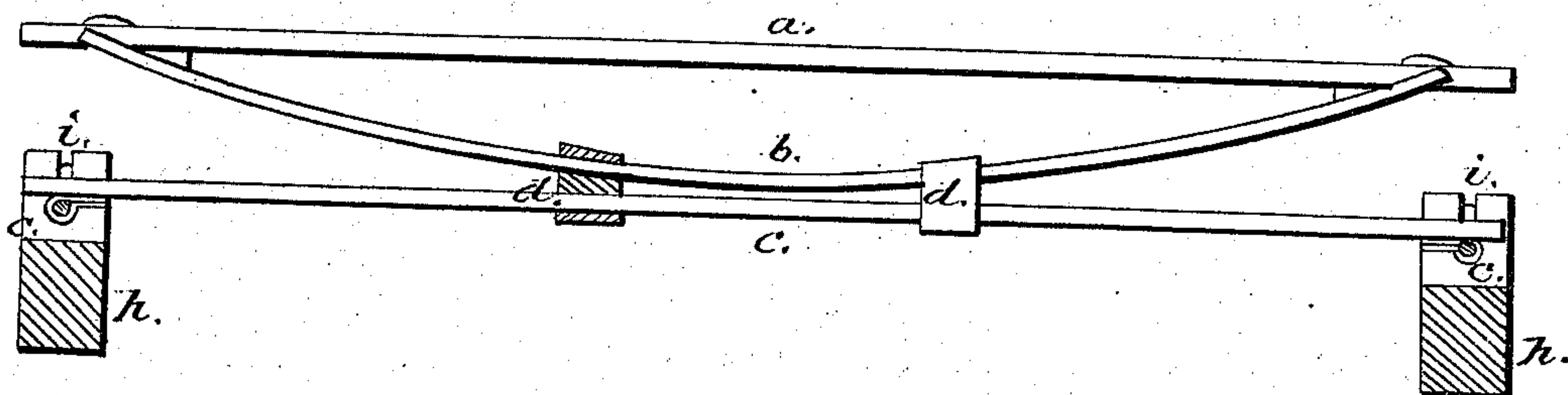
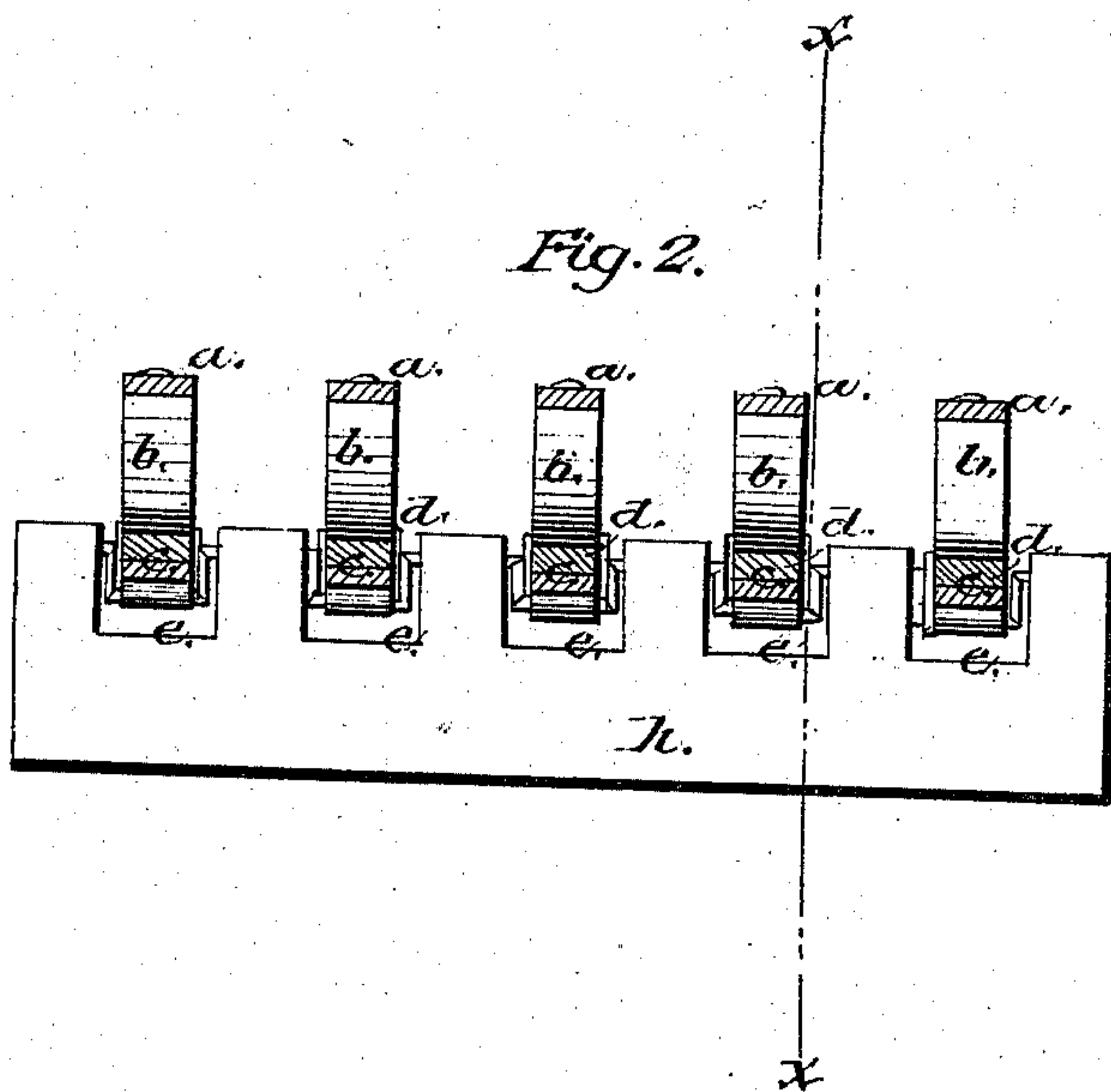


Fig. 2.



WITNESSES:

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E. C. HOLDEN AND E. L. BROCKETT, OF OWATONNA, MINNESOTA.

Letters Patent No. 90,171, dated May 18, 1869.

IMPROVED BED-BOTTOM.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that we, E. C. HOLDEN and E. L. BROCKETT, of Owatonna, in the county of Steele, and State of Minnesota, have invented a new and improved Bed-Bottom; and we do hereby declare that the following is 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 longitudinal vertical section in the line *x x* of fig. 2; and

Figure 2 is an end elevation.

This invention consists, first, in a peculiar construction of slats for bed-bottoms, in three pieces, whereof two are parallel, and the third curved between the other two; and, second, in hanging the foundation piece of each slat upon crank-shafts, one at each end, said shafts being placed longitudinally of the end pieces of the bed-frame.

In the drawings—

a b c are the component parts of our slat, *a* and *b* being rigidly fastened together at the ends of the latter, and *b* and *c* being connected by bands *d*, placed at equal distances on each side the transverse centre of *b*, wooden blocks *d'* being interposed between *b* and *c*, so that they may not come in contact, and their

springiness be thereby diminished. This construction makes a very yielding, elastic, and cheap slat.

The foundation part *e* of each slat is hung at each end upon short crank-shafts *e'*, placed longitudinally of the end pieces *h* of the bed-frame, all the crank-shafts *e'* in each end piece being placed in a row, and the ends of the shafts being placed in grooves *i i*, cut lengthwise of the end piece to receive them.

This is a most convenient and simple means of attachment of slats to frame, and contributes, besides, to the yielding quality of the slats under pressure.

Having thus described our invention,

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

The arrangement of the two parallel pieces *a c*, the curved piece *b*, the two blocks *d d*, one on each side of the centre, and the hanging cranks *e e*, substantially as and for the purposes specified.

E. C. HOLDEN.

Witnesses:

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Witnesses:

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