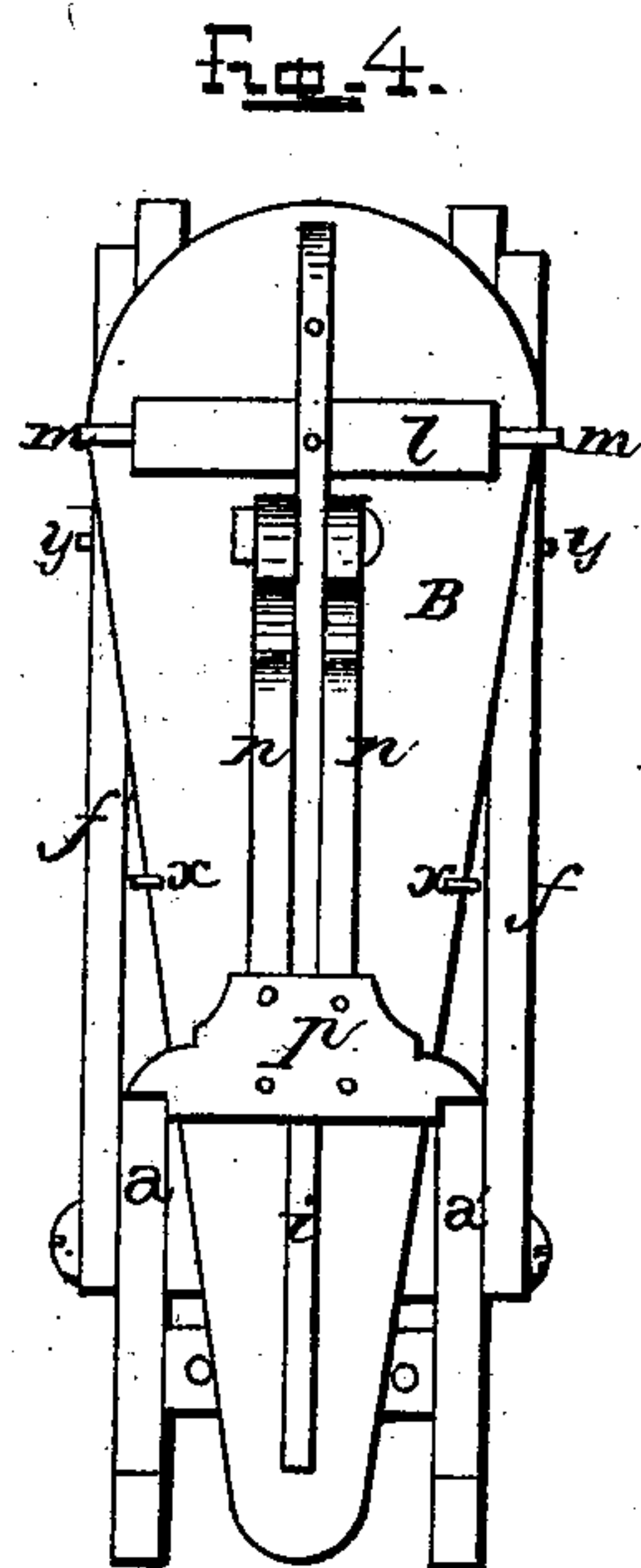
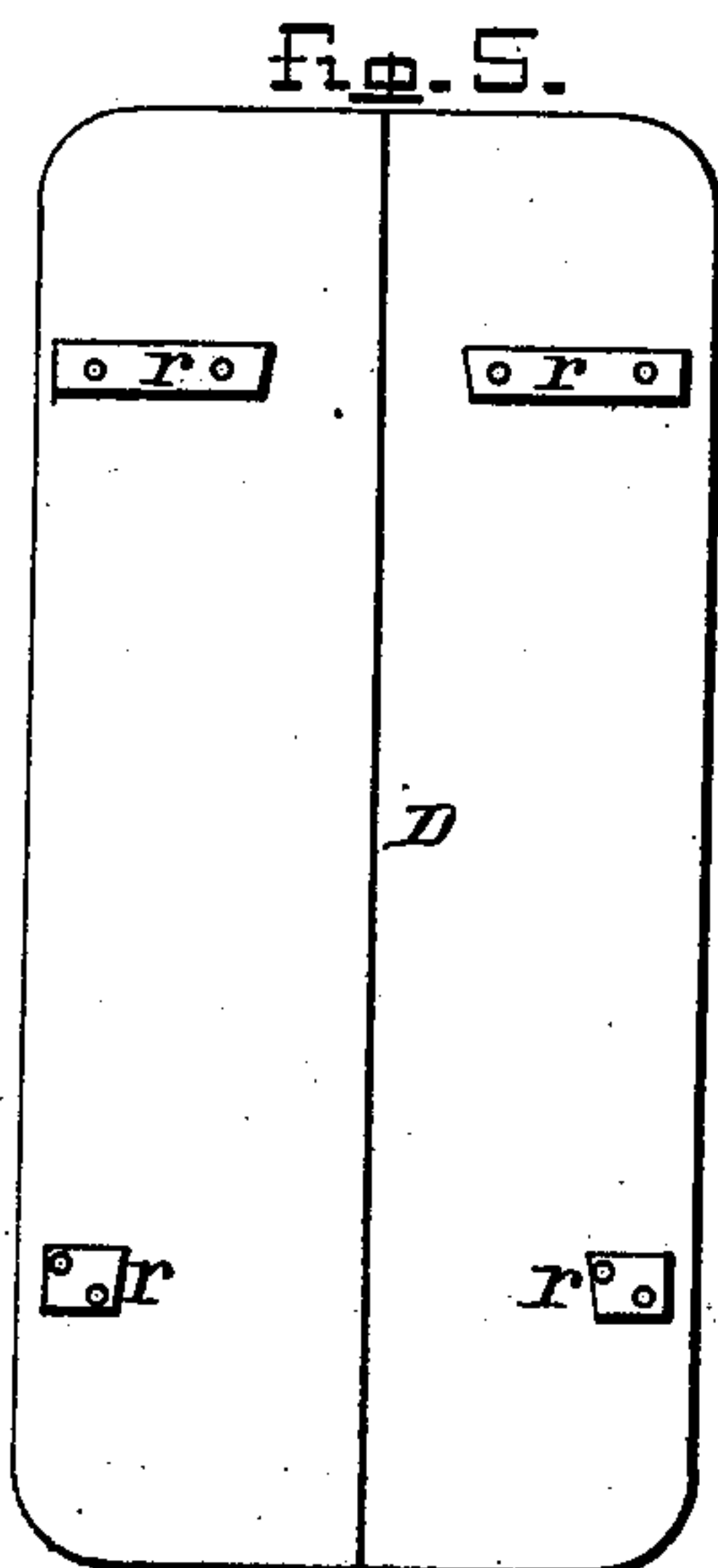
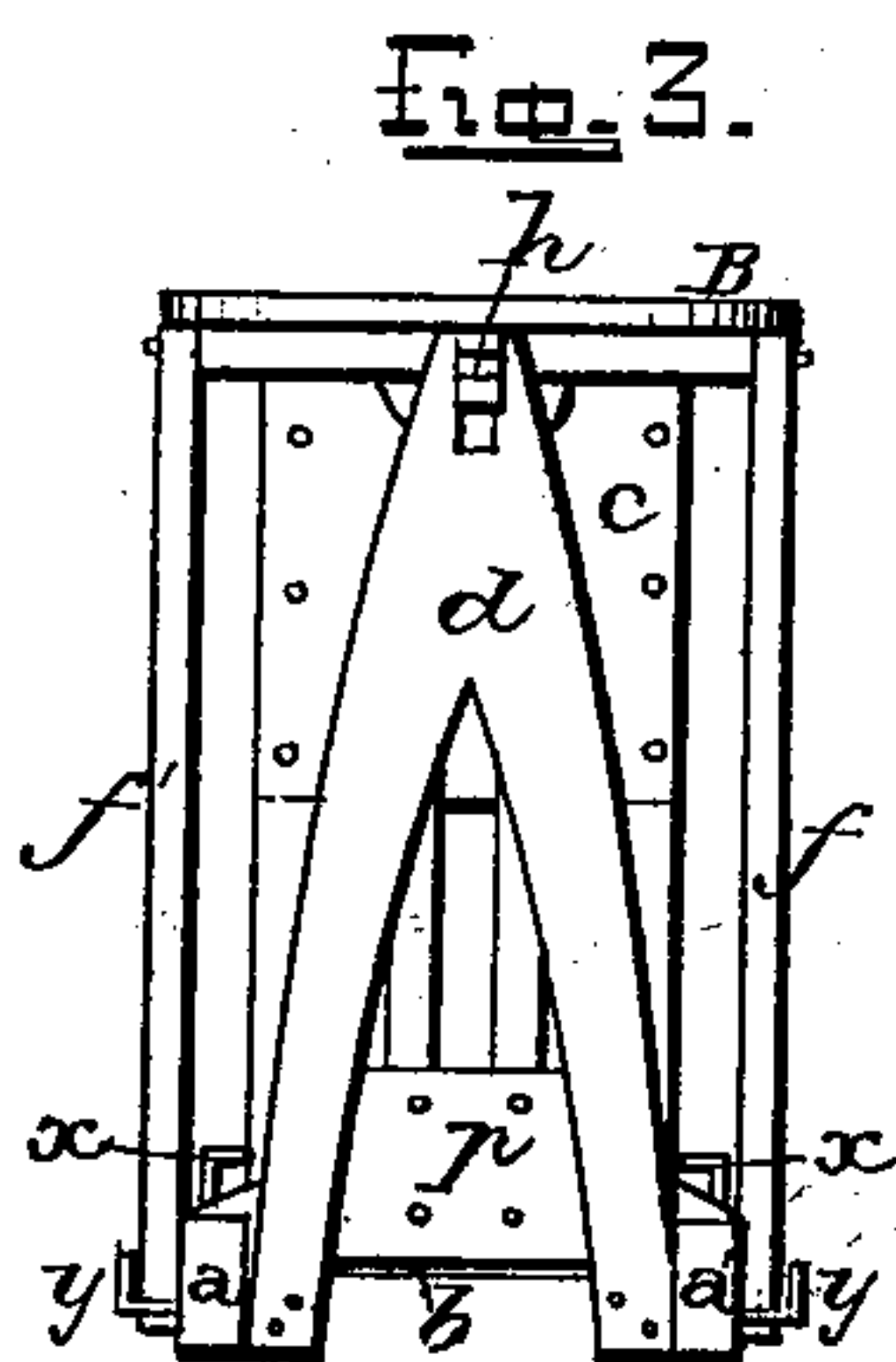
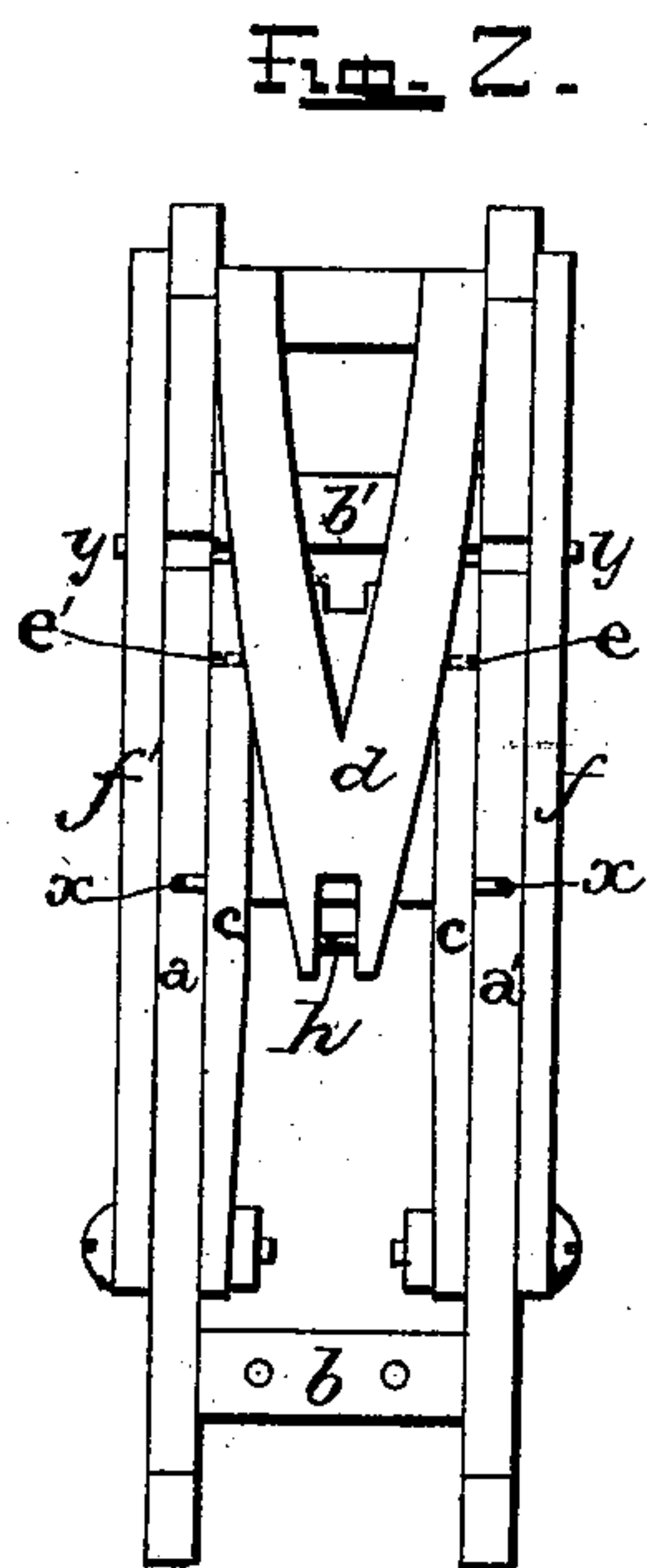
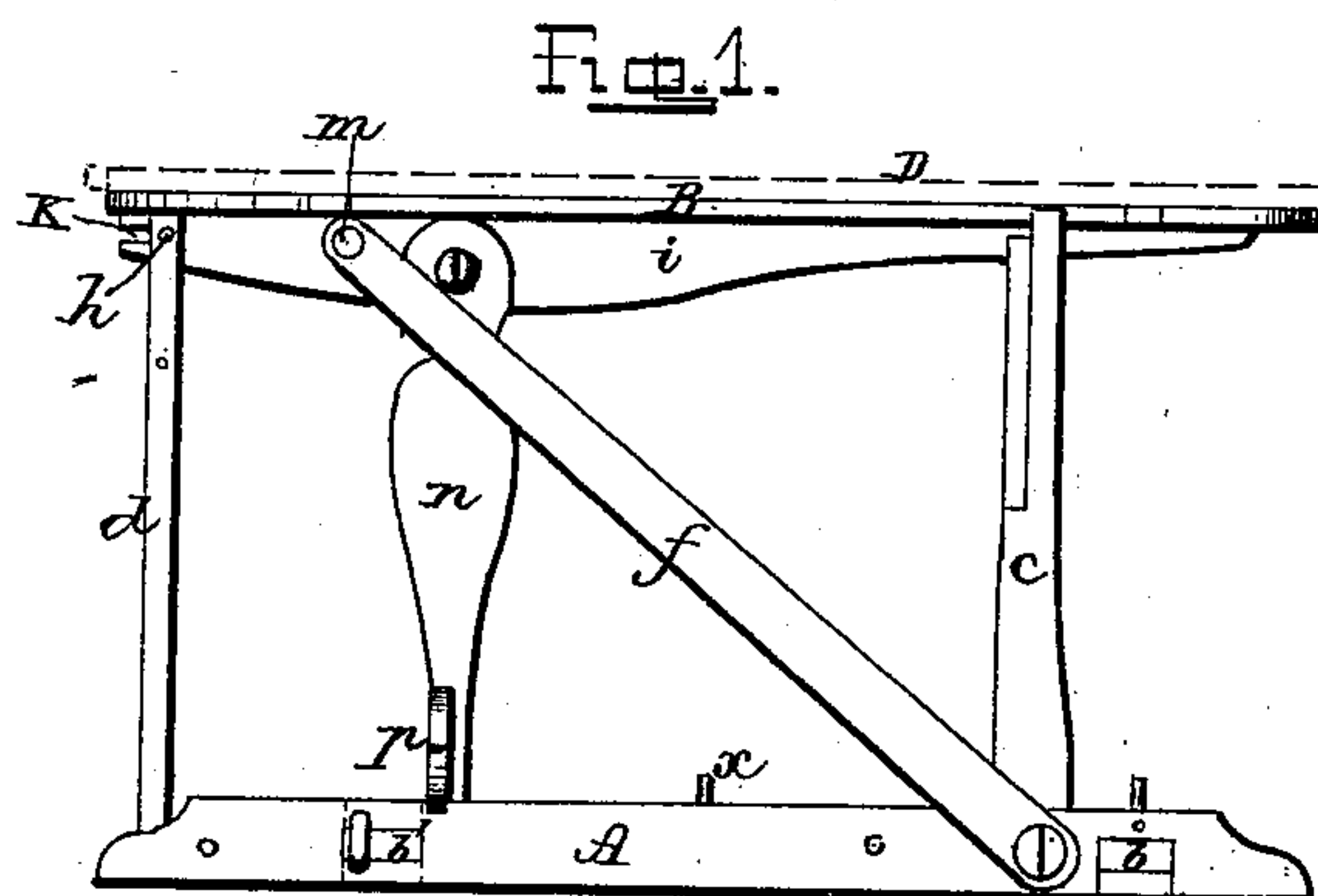


J. M. SHOAF.
Folding Ironing-Table.

No. 227,659.

Patented May 18, 1880.



Witnesses-

Wm. W. Mortimer
Chas. H. Shann

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per
F. A. Lehmann,
atty

UNITED STATES PATENT OFFICE.

JAMES M. SHOAF, OF WEST ELIZABETH, PENNSYLVANIA.

FOLDING IRONING-TABLE.

SPECIFICATION forming part of Letters Patent No. 227,659, dated May 18, 1880.

Application filed February 11, 1880.

To all whom it may concern:

Be it known that I, JAMES M. SHOAF, of West Elizabeth, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Folding Ironing-Tables; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in folding tables; and it consists in an arrangement of parts by which an oblong table may be changed into an ironing-table, or vice versa, and when not in use both folded together, so as to occupy but little space, as will be fully described hereinafter.

The accompanying drawings represent my invention.

Figure 1 is a side elevation of my invention. Fig. 2 is a plan view, showing the table-frame folded. Fig. 3 is an end view of the table. Fig. 4 is a plan view of the table-frame and ironing-leaf secured thereto folded. Fig. 5 is an inverted view of the folding leaf.

A represents the base of the table, consisting of the side pieces, $a a'$, held together by mortised cross-pieces $b b'$, of which b is flush with, and b' lower than, the upper edges of the side pieces. Near one end of the base, between the sides $a a'$, is pivoted a V-shaped support, d , which, when laid down, rests upon the cross-piece b' . Another support, c , is pivoted at the inside of the pieces $a a'$ near the cross-piece b , which is supported when lowered on two pins, $e e'$, inside the pieces $a a'$. When both supports, c and d , are folded down the narrow end of the latter rests on top of the former. The narrow end of the V-shaped support is slotted, and through it passes transversely a pin, h .

At the outside of pieces $a a'$ are braces $f f'$, pivoted by the same bolts that confine the support c . These braces when folded extend parallel with the sides of the base and are held in suitable hooks y on the outside; but when raised to the proper height serve to brace the table.

The table-leaf B, for ironing, is tapering in

width and of a length equal to that of the base A. At the under side of the leaf B is a rib, i , beginning at its wider rounding end, the rib decreasing in width as it extends along the middle toward the narrow end of the leaf. In the larger end of the rib is a slot, K, into which the pin h is introduced when the table is set up. To add strength to the widest part of the leaf B, a cleat, l , is attached to its under side, passing through a mortise in the rib i , and provided with protruding pins m in its ends, to which pins the free ends of the braces $f f'$ are attached when the table is set up.

Near the cleat l , toward the narrowing end of the leaf and pivoted to the rib, is the leg n , consisting of two pieces holding the rib between them. The lower separated ends of the leg are fastened to a connecting-piece, p , that has shoulders at its ends, to be held by notches in the upper edges of the pieces $a a'$ when the table is in use.

If the table is to be set up for ironing, the V-shaped support d is raised to a vertical position, and the transverse pin h introduced into the slot in the rib i , the leg n let down, and the shoulders on the connecting-piece p placed in the notches in the upper edges of the pieces $a a'$, and the braces $f f'$ fastened to their respective pins m in the ends of the cleat l .

It will be found that the table when set up as described offers great facility for ironing all kinds of material, be it small or large. If, however, a table for cutting out garments or for other purposes aside from ironing is needed, the support c is to be raised up to better uphold that end of the table.

The lengthwise-folding leaf D has at its under side four bevel-pieces, r , placed in such a manner that when this leaf D is pushed onto the ironing-table the edges of the latter enter the bevel and hold the leaf D firmly to its place on top of the leaf B. Thus an oblong table is obtained that will answer all the purposes for which such tables are usually made.

To fold the table, remove the leaf D, detach the braces $f f'$, lift the ironing-table from the pin, and, after laying down the supports c and d and securing the braces in their places, push the leaf B, with its leg uppermost, under the hooks x in the upper edges of the pieces $a a'$. The leaf D is folded and lengthwise laid under

the base of the table. Thus a compact package is made of the two tables, occupying but little space, which will prove of great convenience, especially to families having to do their ironing in small rooms where a non-folding table would be much in the way.

Having thus described my invention, I claim—

1. The combination, with the table B, of the base A, provided with the cross-piece *b'*, the two braces *f f'*, which catch over the pins *m* at their upper ends, support *n*, which is pivoted to the rib *i* at its upper end, and the support *d*, pivoted to the frame A at its lower end and having a pin, *h*, in its upper end to catch in a notch, K, in the end of the rib *i*, substantially as shown.

2. The combination of the pivoted braces *f*

f', supports *d c*, and table-top with the base A, provided with the hooks *y*, to support the braces *f f'* when closed, the cross-piece *b'*, which serves as a support for the support *d* when closed, the pins *e e'*, which support the support *c* when closed, and the hooks *x* on top to catch over the edges of the leaf B, whereby when the parts of the table are folded they will be rigidly locked in place, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of January, 1880.

J. M. SHOAF.

Witnesses:

ALDIS S. BEVINGTON,
JNO. A. PERCIVAL.