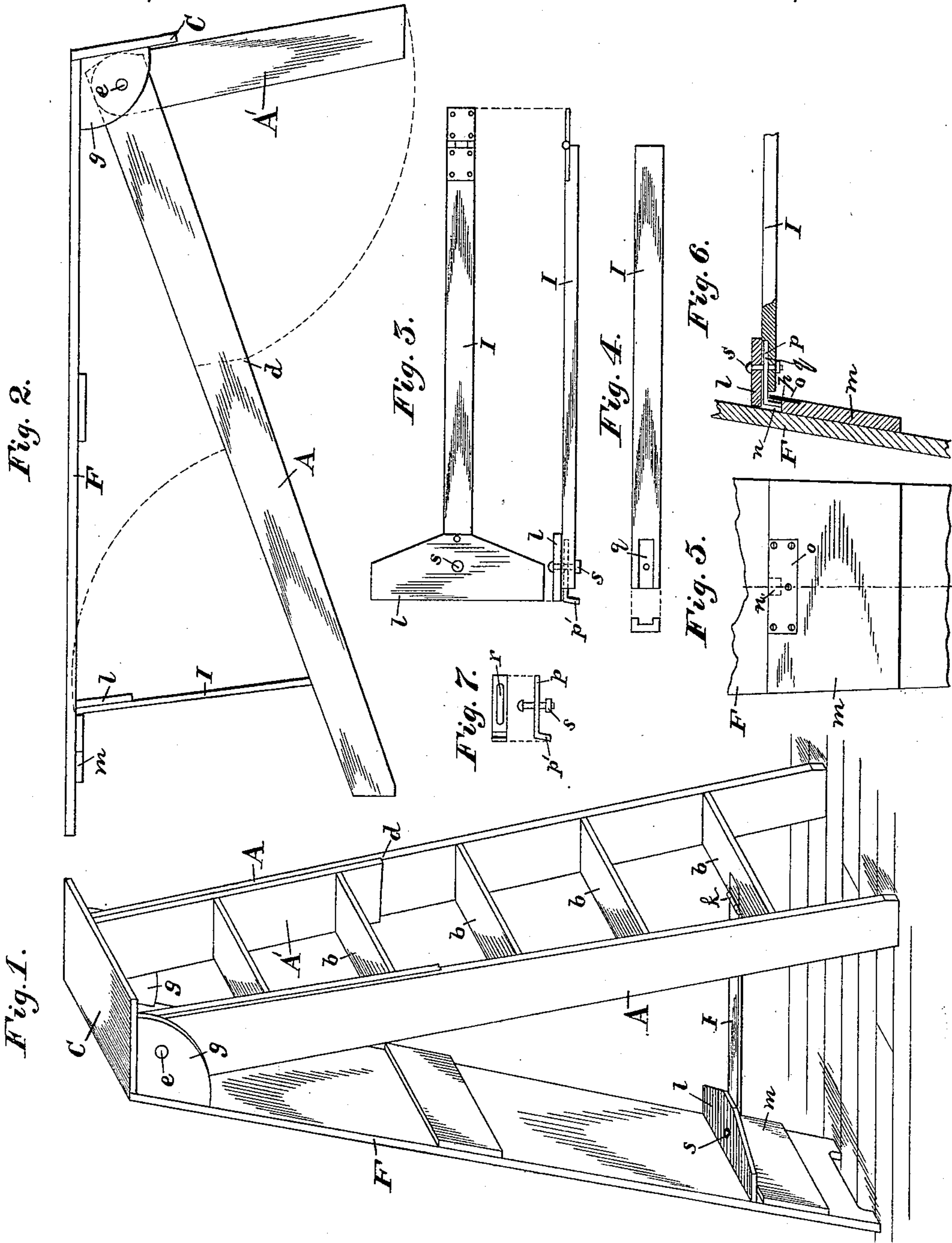


(No Model.)

J. B. MARSDEN.
STEP LADDER AND TABLE.

No. 390,687.

Patented Oct. 9, 1888.



WITNESSES:

R. L. Clemmitt.
John E. Morris.

INVENTOR:

Jerre B. Marsden.

BY

Chas B. Mann

ATTORNEY.

UNITED STATES PATENT OFFICE.

JESSE B. MARSDEN, OF BALTIMORE, MARYLAND.

STEP-LADDER AND TABLE.

SPECIFICATION forming part of Letters Patent No. 390,687, dated October 9, 1888.

Application filed February 27, 1888. Serial No. 265,456. (No model.)

To all whom it may concern:

Be it known that I, JESSE B. MARSDEN, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Combined Step-Ladder and Table, of which the following is a specification.

My invention relates to a combined step-ladder and table or ironing-board, and is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the device used as a step-ladder. Fig. 2 is a side view of the same used as a table. Figs. 3, 4, 5, 6, and 7 are detail views of the brace-bar, its bolt, and the catch on the board with which the said bolt engages.

The two side bars A have steps *b*, as usual; but the upper portion of the side bars is made in two parts, A and A', which are close together, or, in other words, the upper portion of the side bars is double, and said two parts, or double parts, are movable independently of each other. The outer parts of the said side bars A extend from the top platform, C, to the foot, and have recessed upper portions, forming beveled shoulders *d*. The inner parts, A', of said bars extend close alongside of the outer parts from the said top platform part way down only, and they are provided with beveled ends, which fit in the shoulders *d*, to hold them in contact with the bars A when the device is used as a step-ladder. This inner part has steps *b*, and the outer part has steps only at the lower portion—that is, from the point *d*, where the inner part terminates, to the foot.

The inner part, A', of the side bar is pivoted at its top end at *e*, and comprises a short upper section of the step-ladder, while the outer part, A, comprises the long lower section thereof. The short upper section may be moved or turned on said pivot independently of the long lower section. It is immaterial whether the outer part, A, of the side bars, which comprise the long section, be reduced in thickness along their upper portion, where the inner part, A', takes position, as shown in the drawings, or have the same thickness from top end to the foot.

The part F constitutes the ironing-board, and is connected with the top of the ladder by

a pivoted joint. The said top forms the rear support of the device when the same is used as a step-ladder.

It is of course essential that the board F and side bars, A, may be extended, as shown in the drawings, or may be folded or brought close together, so as to occupy but little space when not in use. In the present instance the top platform, C, and board F are rigid with respect to each other, two brackets, *g*, serving to brace and unite them, and the side bars, A A', are here shown pivoted by bolts *e* to the said brackets. A suitable brace bar, I, is employed to connect the board F and side bars A. When the device is not in use, the brace-bar I folds or lies flat between the said board and side bars. The brace-bar is hinged or pivoted at *k* to one step *b*, and the free end has a cross-head or T-piece, *l*, which comes in contact with the board F. The latter has a cross-cleat, *m*, which is cut away to form a recess, *n*, at its top edge, and a plate, *o*, covers the said recess. The recess *n* on the board may be made in any other way. A bolt, *p*, has a hook, *p'*, at one end, which takes into the recess *n* on the board. This bolt plays freely endwise between the cross-head *l* and the brace-bar I, and the hook *p'* projects at the end. To effect this the bar I has a groove, *q*, in its top side and the bolt *p* has a slot, *r*, in it. A rivet or bolt, *s*, passes through the cross-head *l*, the slot *r* in the bolt, and also through the bar I. Thus the bolt is confined and prevented from coming out, but is free to play endwise. The cross-head *l* serves as a bearing for the board F, and the hook-bolt engages with the plate on the board, and thereby the parts are coupled.

When the device is used as a table, the board F serves as a table-top, and the inner and upper section, A', of the side bars is extended and serves as legs for one end of the table, while the brace bar I serves as a brace for the other end.

The platform C acts as a stop for the upper section, A', where it is extended as legs for the table, as shown in Fig. 2.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a step-ladder and ironing-table, the combination, with the outer bars, A, and in-

ner bars, A', each having steps, said bars pivoted to brackets *g*, the platform C and board F, rigidly secured to said brackets, and said board having a recessed cross-piece, *m*, of the
5 brace-bar I, having cross-piece *l*, with hook *p'*, as set forth.

2. In a step-ladder, the combination, with the brackets *g*, having inner and outer stepped bars, A A', pivoted thereto, the bars A hav-
10 ing recessed upper portions with beveled shoulders *d*, and the bars A' with beveled lower ends seated in the recess, of the platform

C and board F, rigidly secured to said brackets, said board having a recessed cross piece, *m*, the bar I, hinged to the lower step of bars 15 A, and having cross-piece *l*, with hook *p'*, as and for the purpose specified.

In testimony whereof I affix my signature in the presence of two witnesses.

JESSE B. MARSDEN.

Witnesses:

JOHN E. MORRIS,
JNO. T. MADDIX.