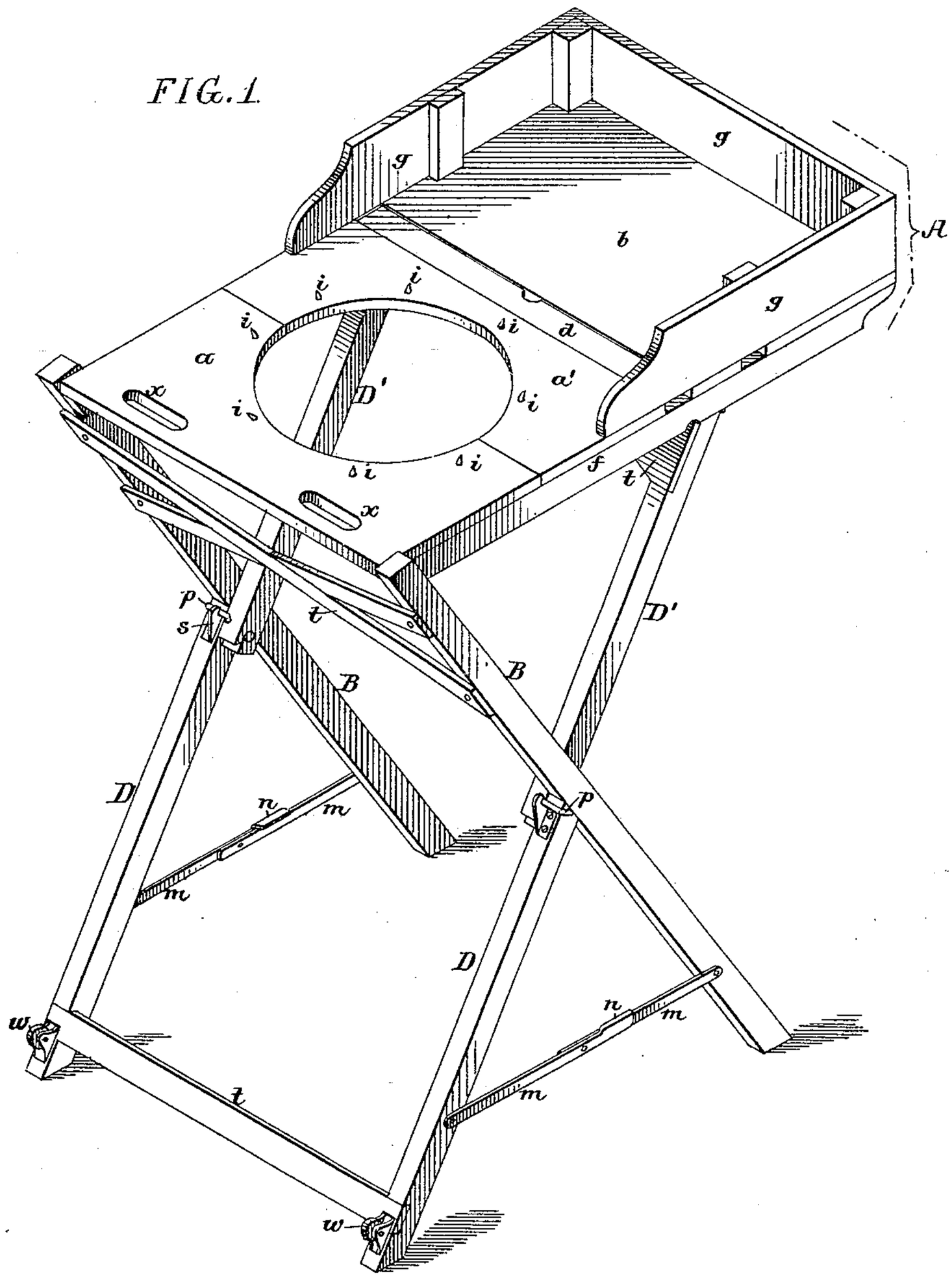
(No Model.) 3 Sheets—Sheet 1.

T. ELSASSER.

WOOL PACKING FRAME.

No. 369,984. Patented Sept. 13, 1887.

FIG. 1.



Witnesses:
Alex. Barkoff
John E. Parker

Inventor:
Theodore Elsasser
by his Attorneys
Howson and Howson

(No Model.) 3 Sheets—Sheet 2.

T. ELSASSER.

WOOL PACKING FRAME.

No. 369,984. Patented Sept. 13, 1887.

FIG. 2.

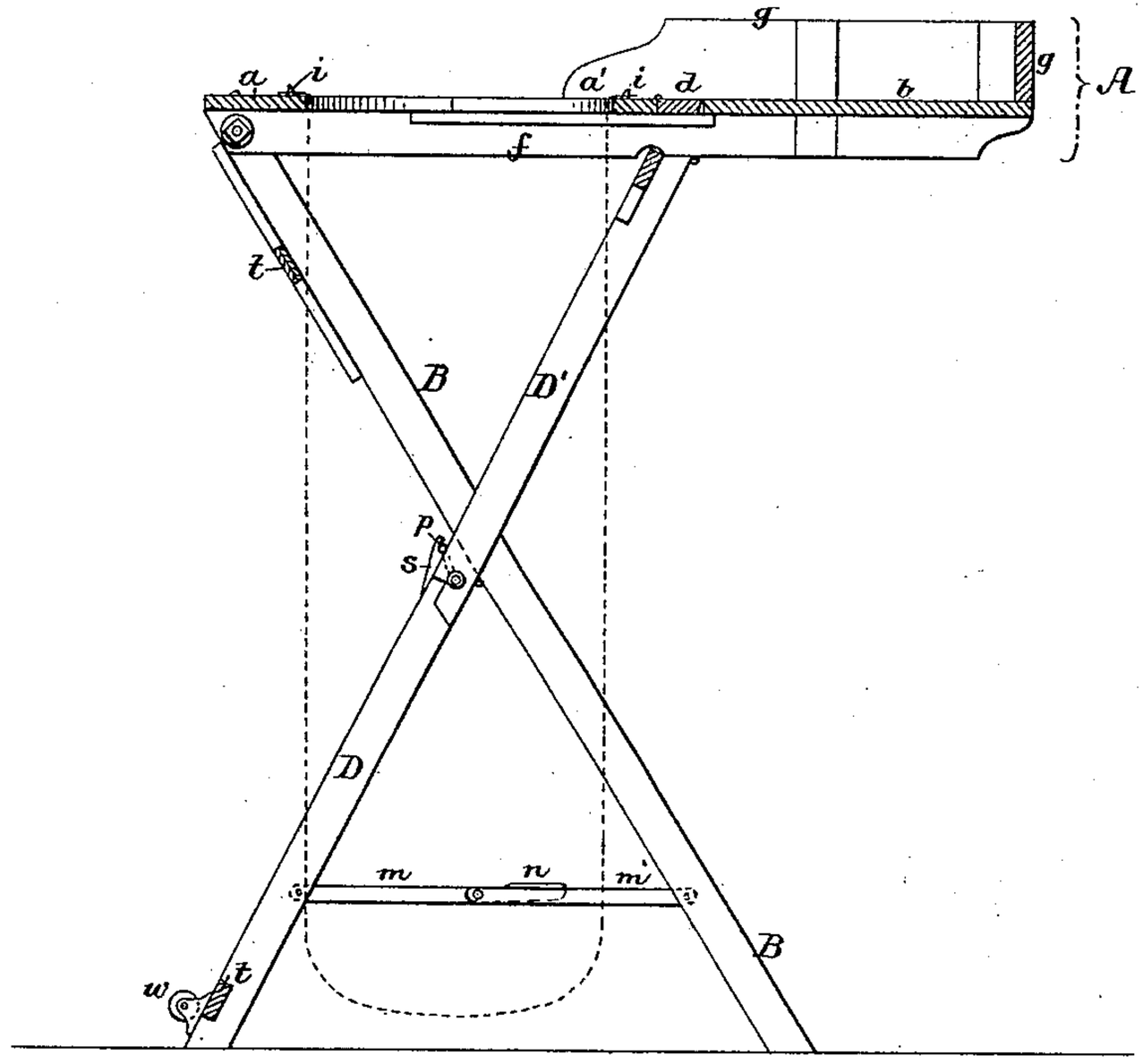
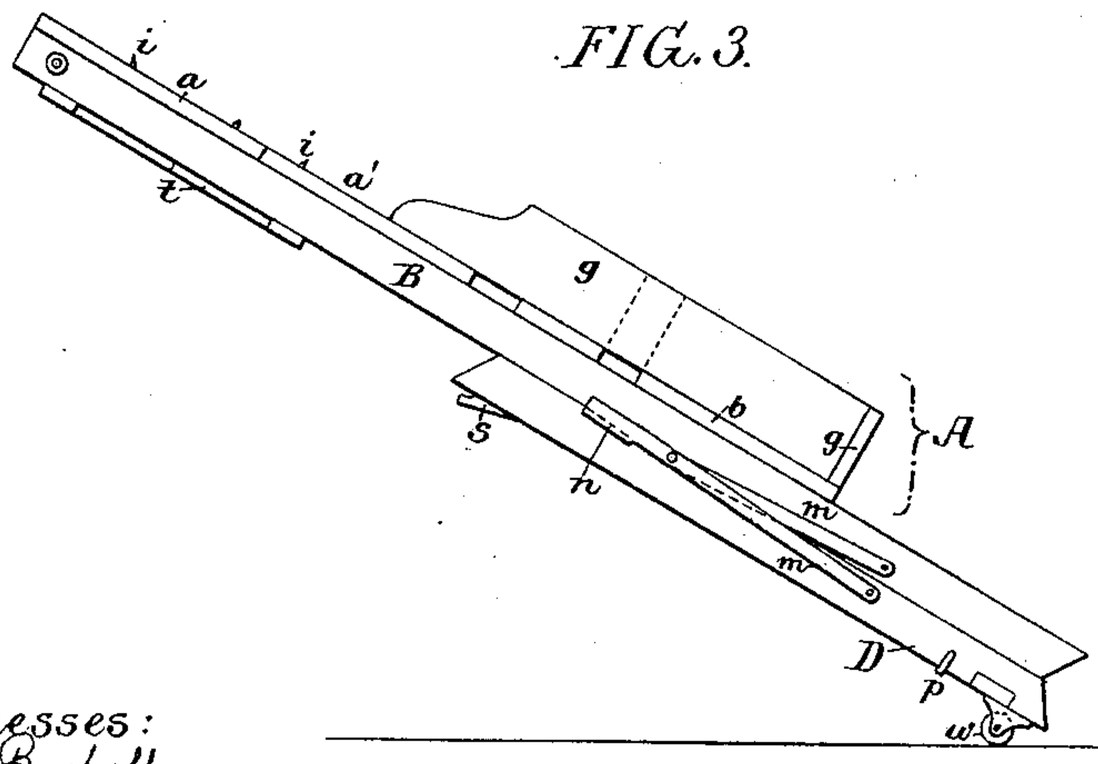


FIG. 3.



Witnesses:
Alex. Barkoff
John E. Parker

Inventor:
Theodore Elsasser
by his Attorneys
Howson and Sons

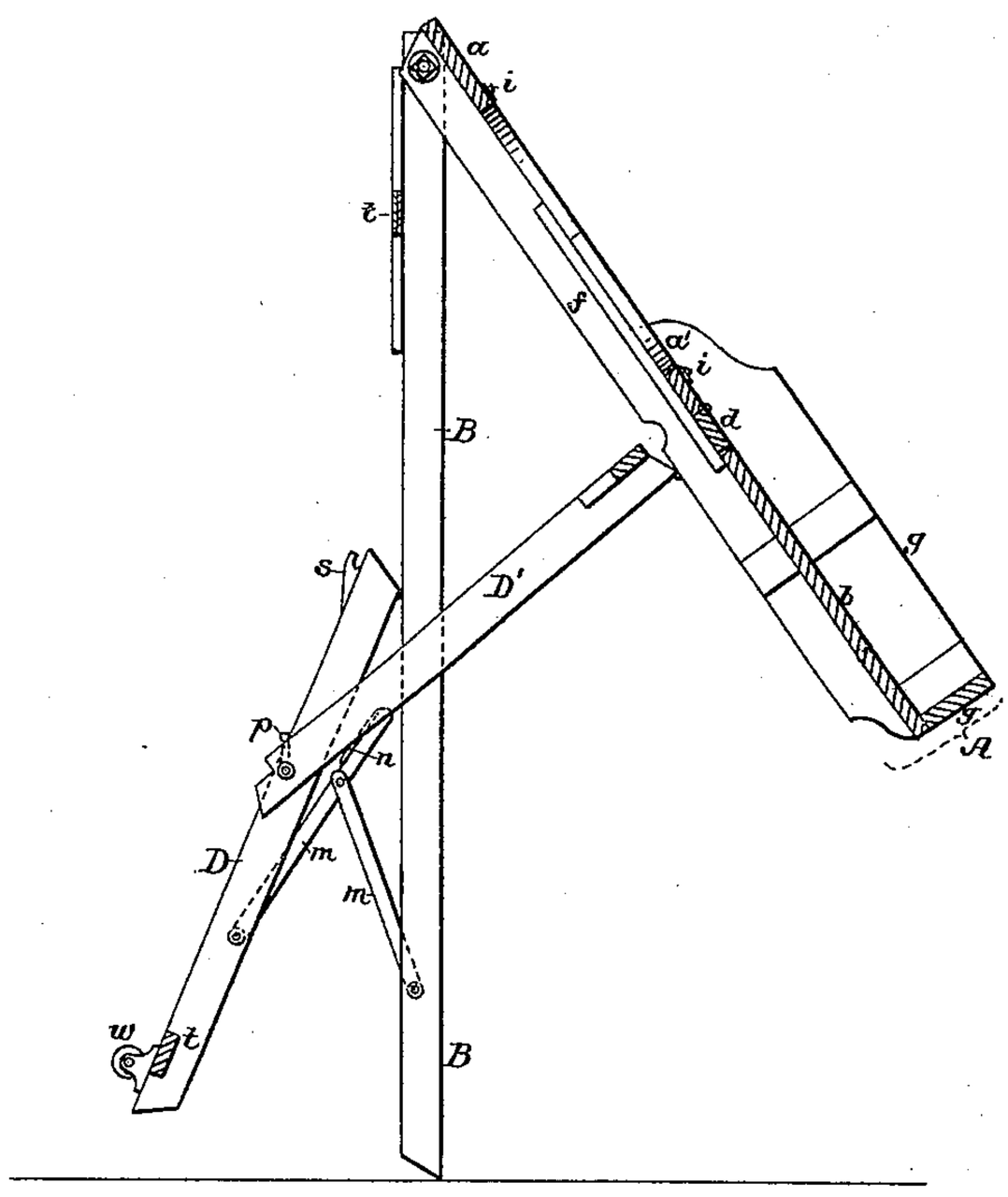
(No Model.) 3 Sheets—Sheet 3.

T. ELSASSER.

WOOL PACKING FRAME.

No. 369,984. Patented Sept. 13, 1887.

FIG. 4.



Witnesses
Alex. Barkoff
David S. Williams

Inventor
Theodore Elsasser

By his Attorneys
Howson & Sons

UNITED STATES PATENT OFFICE.

THEODORE ELSASSER, OF PHILADELPHIA, PENNSYLVANIA.

WOOL-PACKING FRAME.

SPECIFICATION forming part of Letters Patent No. 369,984, dated September 13, 1887.

Application filed February 9, 1887. Serial No. 227,090. (No model.)

To all whom it may concern:

Be it known that I, THEODORE ELSASSER, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Wool-Packing Frames, of which the following is a specification.

The object of my invention is to construct a wool-packing frame which can be readily transported from place to place or packed away in small compass when not in use; and this object I attain by constructing and combining the parts as hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of a wool-packing frame constructed in accordance with my invention; Fig. 2, a longitudinal section of the same, and Fig. 3 a side view showing the structure folded. Fig. 4 is a sectional view showing the frame partially folded.

It has been usual to employ for the purpose of packing wool into bags or sacks a permanent frame-work or bench having openings for the reception of the bags, or to form an opening in the floor of a room or apartment and secure the mouth of the bag around this opening, the bag hanging down into the room beneath and the packer pressing the successive supplies of wool into the bag with his feet, so as to insure the tight packing of the wool into the bag. The first of these plans is objectionable, because of the space occupied by the permanent frames or benches, which space is unavailable for other purposes when the frames are not in use, and the formation of openings in the floor is also objectionable.

In carrying out my invention, with the view of overcoming these objections, I provide a platform, A, which consists in the present instance of opposite fixed table-sections *a b* and an intermediate sliding section, *a'*, with a hinged flap, *d*, the fixed sections *a b* being connected by suitable longitudinal bars, *f*, and the section *b* having on three sides strips *g*, which, with the table *b*, form a receptacle in which the wool can be piled.

The mouth of the bag in which the wool is to be packed is adapted to an opening formed by semicircular recesses in the fixed and sliding sections *a a'* of the table, and in order to permit the ready insertion and removal of the bag the sliding section *a'* can be retracted upon first lifting the flap *d*, which, when depressed, serves as a filling-piece between said sliding section and the section *b*. The table may, however, be made in one piece, if desired, and in either case the top of the table should be provided with pins *i* or equivalent means located around the opening for retaining the mouth of the bag.

To the side bars, *f*, of the table A are hung the upper ends of opposite supporting-legs B, and to the latter, about midway of their length, are hinged the upper ends of shorter legs, D, which can be folded down against the legs B, as shown in Fig. 3, or can be extended, as shown in Figs. 1 and 2, and can be retained in this extended position by means of braces *m m*, pivoted to each other and to the legs B and D, one of the braces extending beyond the pivot and having a wing, *n*, bearing on the top of the other brace, so that in order to fold the braces and permit the legs D to be folded down onto the legs B said braces must be lifted at the pivot-point, no shifting of the braces being possible by pressure from above, such as would be caused by any one standing upon the braces or by any heavy object accidentally dropped upon the same. Hung to the bars *f* are bars D', which are laterally within the limits of the legs B and D and have at their lower ends projecting pins *p*, which rest upon the tops of the legs D and are hooked at their outer ends, so as to overlap the outer faces of the same.

The legs D have near their upper ends lugs *s*, and when the legs are extended and the platform A elevated the pins *p* rest upon and are supported by these lugs, the bars D' thus forming extensions of the legs D and serving to aid in supporting the platform A when the packing-frame is in use.

The legs B and D and the bars D' have suitable transverse braces, *t*, which serve to impart proper rigidity to the platform-supporting structure, the braces of the legs B and bars D' being close to the upper ends thereof, so that they will not interfere with the proper suspension of the bag from the platform, as shown by dotted lines in Fig. 2.

When it is desired to transport the packing-frame from place to place or to store it away

when it is not required for use, the pins *p* of the bars D′ are released from engagement with the lugs *s* and the platform A lowered until it is in line with the legs B, the bars D′ sliding along the inner sides of the legs D and the pins *p* supporting and guiding the lower ends of the bars during this movement. (See Fig. 4.) The legs D are then folded down onto the legs B, as shown in Fig. 3, the whole structure thus occupying but little more space than the platform itself.

To facilitate the transportation of the frame when folded, the legs D have brackets carrying wheels *w* and the section *a* of the platform A has openings X near the edge, so as to form hand-holds, the folded frame being thus readily wheeled about from place to place in the same manner as a truck.

It will be observed that the supporting-frames are applied to that portion of the platform in which the bag-opening is formed, the tray *b*, upon which the wool is piled, projecting beyond the supporting-frames. By this means ample space is provided on the platform for piling the wool without depriving the bag of that rigid support which is necessary to resist the strain caused by the forcible packing of the wool into the bag.

I claim as my invention—

1. The combination of the folding supporting-frames with a platform comprising a bag-carrying portion directly supported by said frames, and a piling-tray projecting beyond the supporting-frames, all substantially as specified.

2. The combination of the supporting structure with the platform comprising fixed sections and an intermediate sliding section having a hinged flap, all substantially as specified.

3. The combination of the platform having a wool-tray and bag-opening, with the supporting structure comprising legs B, pivoted to the platform, short legs pivoted to said legs B, and bars pivoted to the platform and free to slide alongside of the supporting-legs, all substantially as specified.

4. The combination of the platform, the legs B, pivoted thereto, the short legs D, pivoted to said legs B, bars D′, pivoted to the platform and having pins sliding on the legs D, and lugs projecting from said legs D and serving as supports for the pins, all substantially as specified.

5. The combination of the platform, the legs B, pivoted thereto, the short legs D, pivoted to said legs B, and bars D′, pivoted to the platform and having hooked pins partially embracing the legs D, all substantially as specified.

6. The combination of the platform, the legs B, pivoted thereto, the legs D, pivoted to said legs B, and braces *m*, pivoted together and to the legs B and D, one of said braces extending beyond the pivot and having a wing bearing on the top of the other brace, all substantially as specified.

7. The combination of the platform having near one edge openings forming hand-holds, with the supporting-frame constructed to fold up against the under side of the platform, said frame having rollers upon which the frame is supported when that portion having the hand-holds is elevated, all substantially as specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THEODORE ELSASSER.

Witnesses:
JOHN E. PARKER,
HARRY SMITH.