(No Model.)

J. F. VON BEHREN.

COMBINED CHAIR AND LADDER.

No. 596,841. Patented Jan. 4, 1898.

Fig. 3.

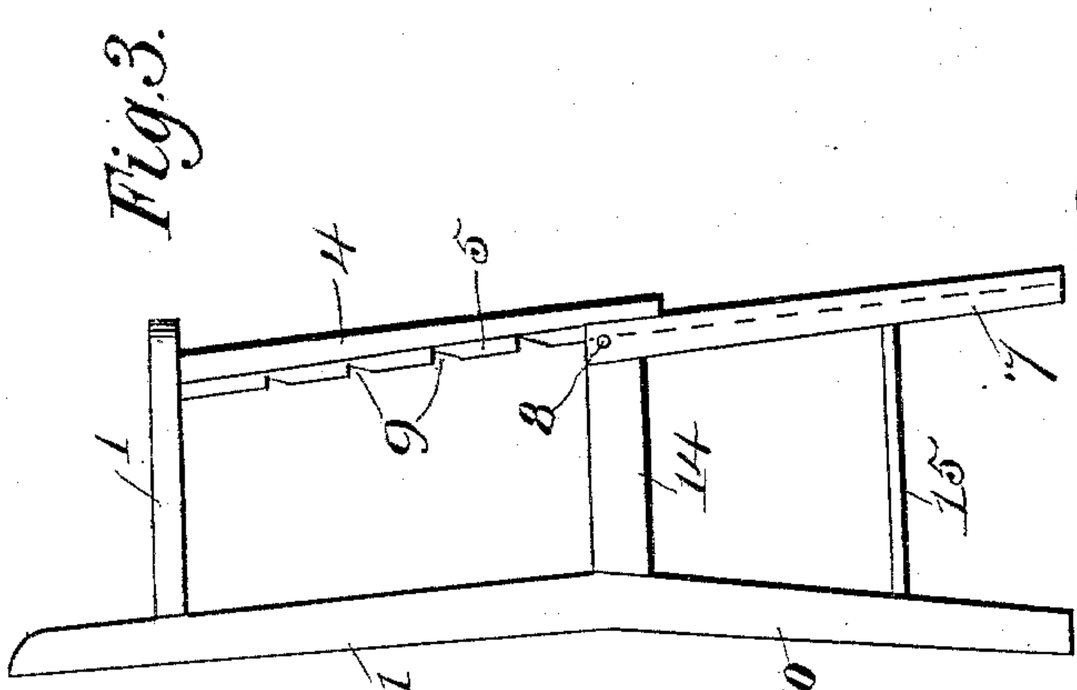

Fig. 6.

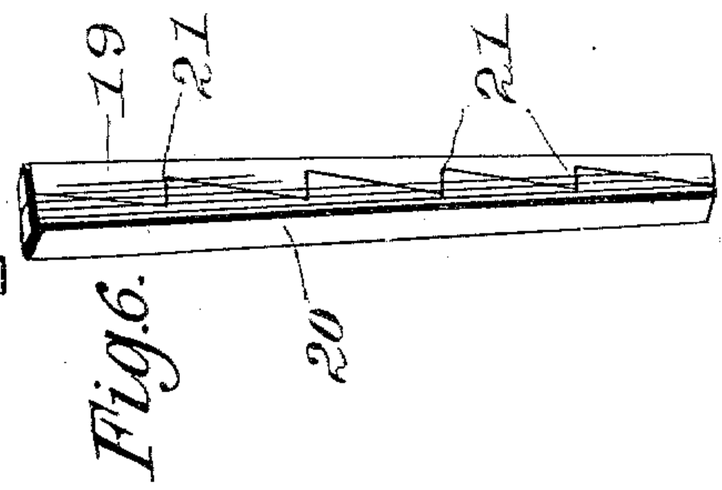

Fig. 2.

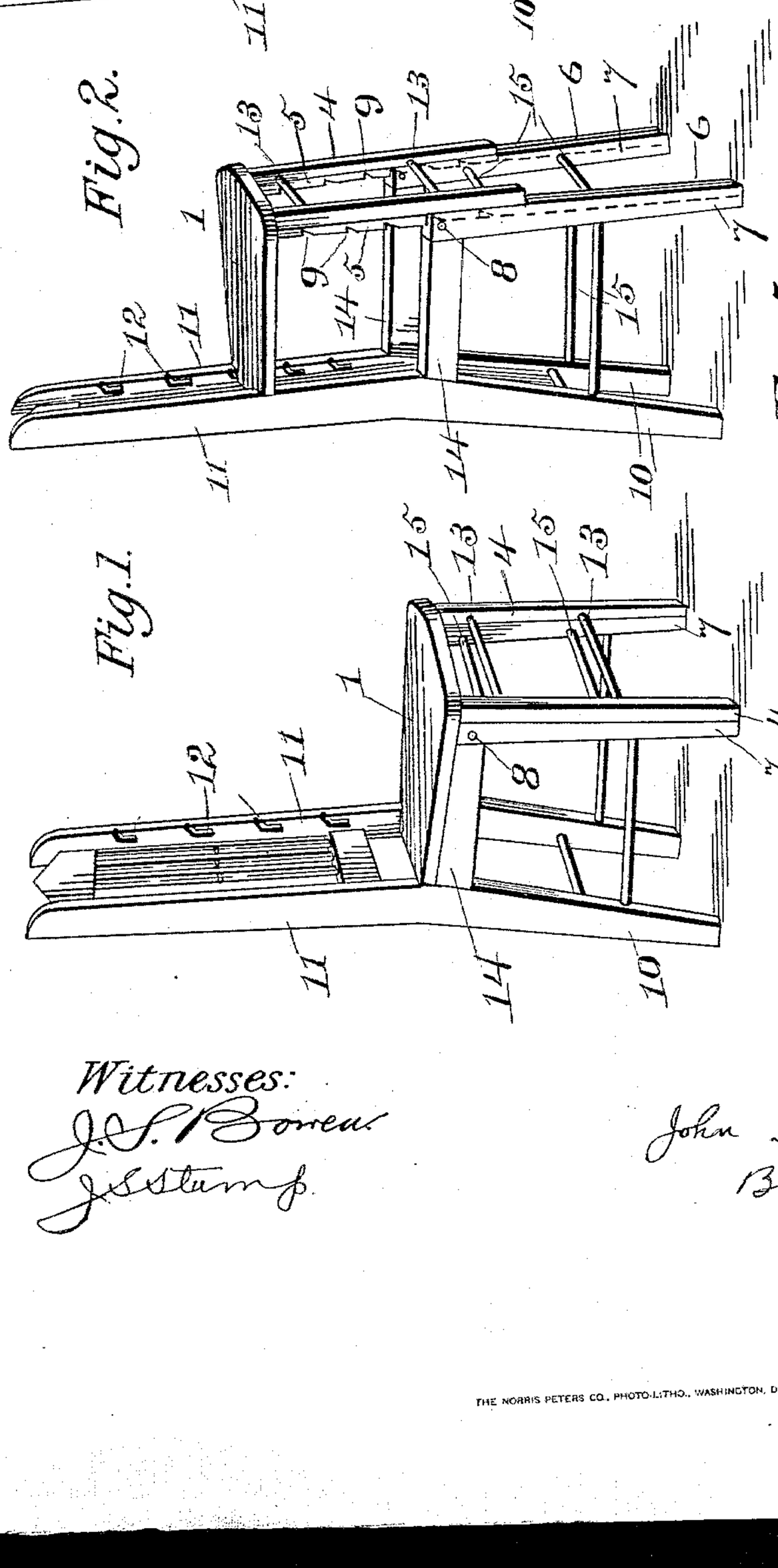

Fig. 5.

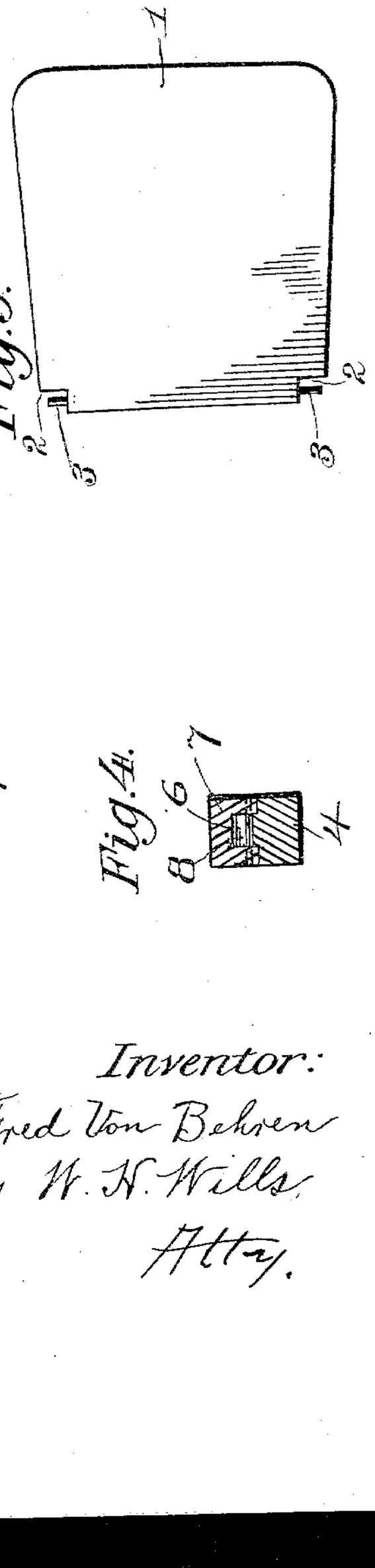

Fig. 1.

Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN FRED VON BEHREN, OF BRYAN, OHIO.

COMBINED CHAIR AND LADDER.

SPECIFICATION forming part of Letters Patent No. 596,841, dated January 4, 1898.

Application filed May 11, 1897. Serial No. 636,081. (No model.)

To all whom it may concern:

Be it known that I, JOHN FRED VON BEHREN a citizen of the United States, residing at Bryan, in the county of Williams and State of Ohio, have invented certain new and useful Improvements in a Combined Chair and Ladder; and I do 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 appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

The invention relates to a combined chair and step-ladder; and the object of the invention is to provide an improved combined chair and step-ladder in two separate pieces and of such construction that the said two parts or pieces may be adjusted one part upon the other to form an extension-ladder, the seat of the chair forming a rest or support for a pail, &c.

A further object of the invention is to provide a combined adjustable chair and extension-ladder of such novel and peculiar construction that no bolts, hinges, or braces are required in holding the parts in any of the positions of which they are capable of adjustment either as a chair or ladder.

The invention consists in the novel construction and arrangement of parts, and resides, essentially, in a two-part combination chair and ladder.

In the accompanying drawings, forming part of this application, Figure 1 is a perspective view of my invention adjusted to form a chair. Fig. 2 is a like view showing parts adjusted for a high chair or short ladder. Fig. 3 is a side elevation showing the parts extended to their fullest extent. Fig. 4 is an enlarged section of the front legs. Fig. 5 is a plan view of the chair-bottom. Fig. 6 is a perspective view of a modification.

The same numeral references denote the same parts throughout the several figures of the drawings.

The chair-seat 1 may be of any desired shape or form, having rear corner notches 2, provided with pins 3. The seat-legs 4 have a metal bar or strip 5 secured to their rear edges, which fit in a groove 6, formed in the front edge of the front chair-legs 7. The said chair-legs 7 have a pin 8 extending across the groove 6, which is engaged by notches 9, formed in the said bar or strip 5. The lower portions of the rear chair-legs 10 are of the ordinary construction, but their upper extensions, which form the sides 11 of the chair-back, have a series of cavities 12 upon their inner face. These cavities are L-shaped and the pins 3 are entered into the horizontal portions thereof and then dropped into the vertical branches of the L.

The seat 1 with its legs 4, joined by the usual rounds 13, form one part or portion of my device, and the legs 10 and 7, joined by frame-pieces 14 and provided with suitable rounds 15, together with the extensions 11 and back of any desired form, complete the other portion or part of the device.

Referring now to the modification shown in Fig. 6, the legs 19 and 20 have shoulders or steps 21, whereby the parts may be adjusted, as hereinbefore set out. It is obvious that the parts may be adjusted as desired by simply placing the pins 3 of the chair-bottom in the cavities 12 and have the notches 9 engage the cross-pins 8.

I do not wish to be understood as limiting myself to any particular size or shape in the manufacture of my invention nor to the material of which the parts are made; but,

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

1. A two-part chair, one part comprising rear legs and grooved front legs, and a back-frame having notches, and the other part comprising a seat having projections and adapted to be locked to said frame by the projections engaging the said notches, front legs fixed to the seat, and means connecting the seat-legs to the said grooved legs to lock the latter to the seat-legs simultaneously with the locking of the seat, as set forth.

2. A combination chair and ladder comprising two parts having the usual rounds, the legs of one part adapted to interlock with the legs of the other part, extensions of certain of said legs having cavities, a seat secured to the other of said legs, and having pins adapted to engage the said cavities, as set forth.

3. A combined chair and ladder comprising a suitable seat having pins, legs secured to the seat and having notches, the grooved legs having a cross-pin engaged by said notches, and the leg extensions having cavities engaged by the said seat-pins, as set forth.

4. A combined chair and ladder comprising a suitable seat having pins, legs attached to the seat, a notched bar or strip secured to the said legs, the grooved legs having a cross-pin engaged by said bar-notches, and the extensions having cavities engaged by the seat-pins, as set forth.

5. A combination chair and ladder comprising two vertically-adjustable parts, each part having legs and rounds, leg extensions formed on one part and connected to the legs of the other part, and means for locking the said parts in adjusted position, as set forth.

6. A combination chair and ladder comprising two vertically-adjustable parts, each part having legs and rounds, extensions integral with the rear legs of one part, the front legs of said part being slidably connected to the legs of the other part, and means for locking the said two parts in adjusted position, as set forth.

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

JOHN FRED VON BEHREN.

Witnesses:
JOSEPH F. SMITH,
DANIEL DEEMER.