(No Model.)

H. W. FARLEY.

DOLL'S ROCKING CHAIR.

No. 468,612. Patented Feb. 9, 1892.

Fig. 1.

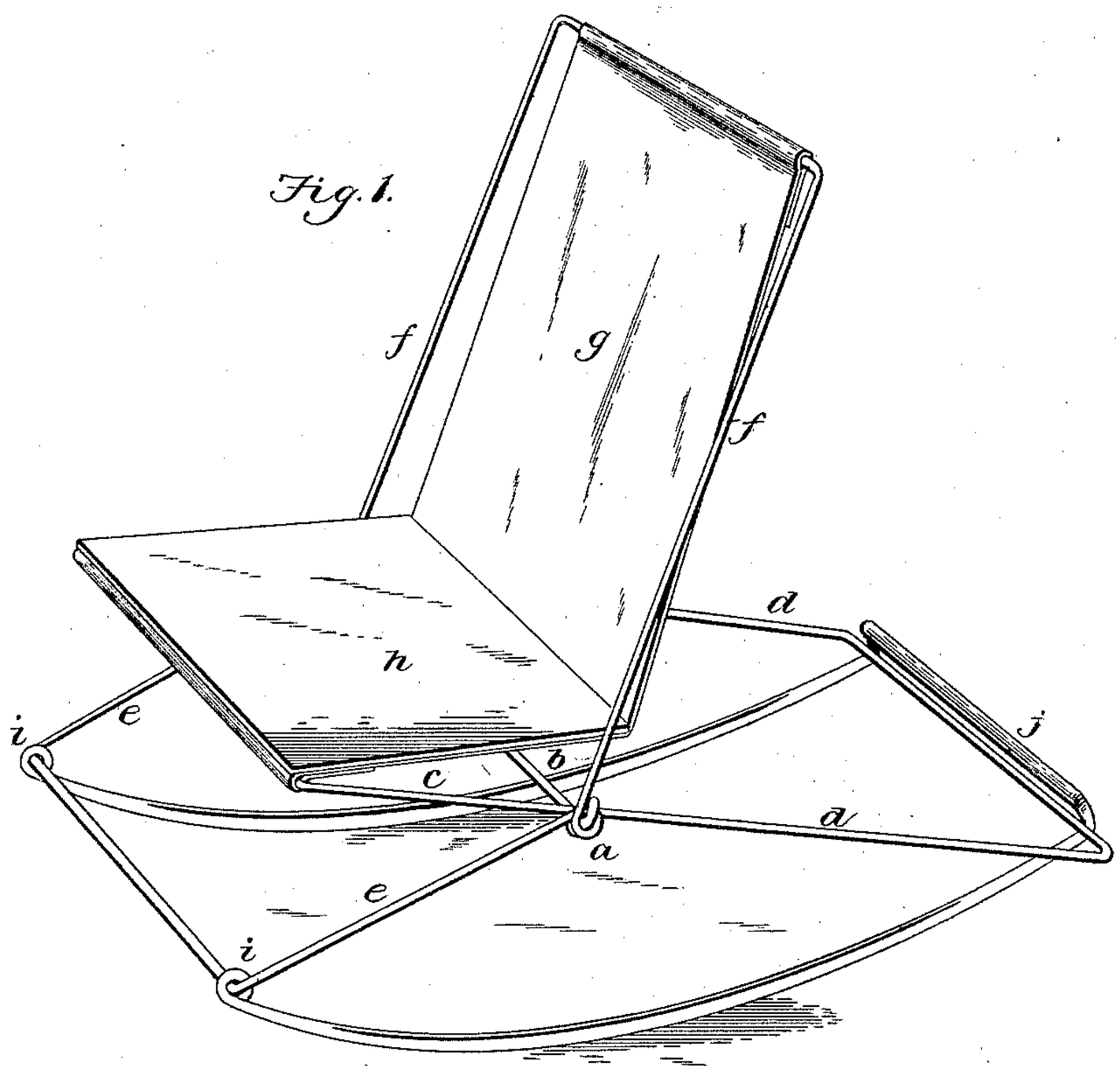

Fig. 3.

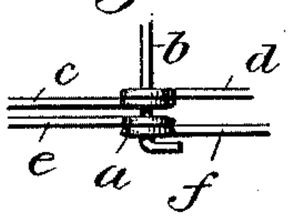

Fig. 2.

WITNESSES:
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BY
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UNITED STATES PATENT OFFICE.

HENRY WISE FARLEY, OF URBANA, ILLINOIS.

DOLL'S ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 468,612, dated February 9, 1892.

Application filed May 27, 1891. Serial No. 394,275. (No model.)

To all whom it may concern:

Be it known that I, HENRY WISE FARLEY, a citizen of the United States, residing at Urbana, in the county of Champaign and State of Illinois, have invented certain new and useful Improvements in Dolls' Rocking-Chairs, of which the following is a specification.

My invention relates to folding rocking-chairs; and it consists of certain novel constructions in the frame and in the rocking and seat-forming parts, whereby they may be easily made and quickly connected to produce a light and cheap rocking and reclining chair, and the precise improvements wherein I will particularly point out in the claims concluding this specification, in connection with the accompanying drawings, in which—

Figure 1 is a view in perspective of my improved rocking-chair. Fig. 2 is a vertical section of the same adjusted as a reclining-chair. Fig. 3 is a detail view showing the coincident coils of the oblong chair-frame.

The chair-frame is made of two oblong frames, each formed of a single piece of wire having its ends soldered or welded together. At a point about one-third the length of each frame it has an eye formed in each side by means of a coil *a*, made by bending the wire, whereby these frames have coincident coils *a a a a* to receive the bearing connections, which I prefer to make of a tie rod *b*, passed through the coils and bent at its ends to hold it in the coils. These coils are formed in bending the frames over a former. One of these frames forms the seat-arms *c* and the rear braces or supports *d*, and the other frame forms the front legs *e* and the back-support *f*. A piece of fabric is secured to that end of the frame which forms the seat-arms and to that end of the frame which forms the back-supports, so as to hang between the latter to form a flexible back *g*, while a board *h* is secured to the seat part of the fabric to form a flat seat in a fabric back. The rocker-frame is formed of a single piece of wire rod having its disconnected ends formed into coils *i i*, in which is confined the cross-rod of that end of the frame which forms the front legs, while the rear connected end of the rocker-frame is upset to form a turned-up abutment *j* for supporting that end of the frame which forms the back-brace, by which latter the chair is supported in its upright position as a rocker. This construction allows one of the connected frames to be permanently jointed in the front coiled ends *i i* of the rockers and the other connected frame to be removably abutted on the rear connected ends of the rockers, and it is this construction which allows the chair to be adjusted as a reclining-chair, as shown in Fig. 2. For this purpose it will be seen that the front legs *e* stand at an obtuse angle to the back-supports *f*, while the seat-arms *c* and the back-brace *d* are in line, so that when the back-brace is disengaged from the rocker-abutment *j* the two frames will fold close at the seat part, and the flexible back *g* and its frame-support *f* will rise on an incline from the coiled joints *a* and be supported in such position by the frame, which forms the back-brace *d*, making a base below the rockers. This back-brace is made wider than the rocker-frame to allow of their certain engagement. I prefer to flatten the rockers vertically between their ends to increase their stiffness, and this rocker-frame can be made of heavier wire than the other frames, and may be used with other constructions of chair-frames.

It is important to notice that in the construction shown and described the frame which forms the seat-arms and the brace which supports the chair as a rocker form, also, a base-frame to support the chair when folded to make it a reclining-chair. It is also important to notice that the board seat rests on the front end of the frame, which forms the back-brace, and that the rocker-abutment is bent over so as to overhang and hold the back-brace down when engaged therewith. This downward-holding function of the abutment prevents the brace from being lifted from its engagement therewith by weight applied on the seat.

I have shown the rocker-frame as disconnected at its coil-formed ends; but it is obvious that the coils may be so formed with the ends connected, as at the abutment end. I prefer to make the seat of paper-board and to glue it to the fabric.

I claim as my improvement—

1. In a doll's rocking-chair, the rockers formed of a strand of wire bent into U shape, its front ends terminating in coils, its rear

end upset to form a transverse abutment, and its rocker sides formed into flat stiffened bars, in combination with oblong metallic frames pivotally connected, the frame forming the back-support passing through the rocker-coils, and the frame forming the seat-support adapted to engage the transverse rocker-abutment, as described.

2. The metallic rocker-frame of U shape, upset at its bent end into a forwardly-upturned or overhanging abutment and terminating in front end coils, in combination with the metallic oblong chair-frames pivotally connected, one of which has its end engaging the rocker-frame coils, the other having its rear end of greater width than the rocker-frame for engaging the overhanging abutment of said frame, as described.

3. The combination of a chair-frame consisting of two oblong metallic frames, each formed with coincident side coils, the back-forming-frame part standing at an obtuse angle to its front end, the seat-forming-frame part wider than the rocker-frame, a fabric seat connected to the back and seat frames, respectively, and a tie-rod engaging the frame-coils, with a metallic rocker-frame of U shape upset at its bent end into a forwardly or overhanging upturned abutment for engaging the said seat-forming frame, the other rocker ends terminating in coils for engaging the back-forming frame, as described.

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

HENRY WISE FARLEY.

Witnesses:
R. A. WEBBER,
C. M. WEBBER.