

George Wilson's

Imp^{vd} Iron Folding Chair

116384

PATENTED JUN 27 1871

fig. 1

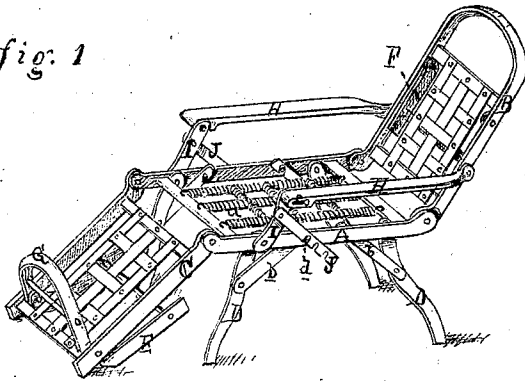


fig. 3

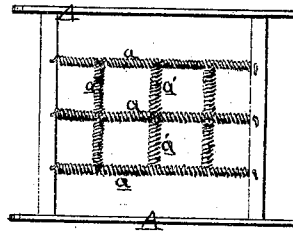
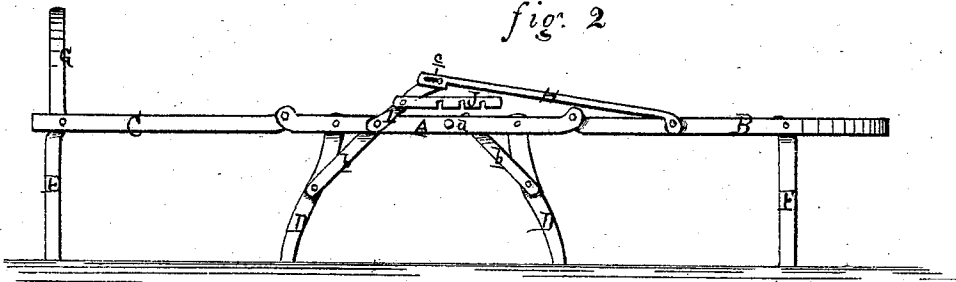


fig. 2



Witnesses:

Harry S. Sprague
H. D. Rogers

Inventor:

George Wilson
Per. Attorney
Thos. S. Sprague

UNITED STATES PATENT OFFICE.

GEORGE WILSON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN IRON FOLDING CHAIRS.

Specification forming part of Letters Patent No. 116,384, dated June 27, 1871.

To all whom it may concern:

Be it known that I, GEORGE WILSON, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Iron Folding Chairs; and do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification.

Figure 1 is a perspective view of my chair extended to form a reclining-chair. Fig. 2 is a side elevation, showing my device extended as a bedstead. Fig. 3 is a plan view of the bottom or seat-frame, showing arrangement of the springs.

Like letters indicate like parts in each figure.

The nature of this invention relates to an improved construction of iron folding chairs, by means of which the same may be made, by shifting it into various positions, to serve the different purposes of an arm-chair, a reclining-chair, or a bedstead, while it may be folded into a very compact form for transportation. The invention consists in the peculiar construction and arrangement of the various parts of the chair, and in the devices for converting the same from one form to another.

In the drawing, A represents the middle or seat-section; B, the back; and C, the foot-sections, all of which are light strap-iron frames, hinged to each other by the projecting ends of their side bars. The foundation of the back and foot sections are latticed or interwoven strips of hoop-iron, while that of the central section is composed of a series of coiled springs, *a*, secured to the front and rear bars of the frame, while other and shorter coiled springs *a'* are interposed at intervals between the first and interlocked with them. D are legs pivoted to the seat-frame.

Each leg has pivoted to it a hook-brace, *b*, whose hook engages with a stud on the inner face of the side bar of the seat-frame to keep the leg in place when erected. E and F are other legs in pairs, pivoted to the inner faces of the back and foot frames, respectively, in such a manner that they may be folded up between the side bars thereof. G is a foot-rest pivoted to the extremity of the foot-section, capable of being folded flat against the foundation, and, when the device is extended to form a couch, becomes the head-board thereof. H are the arm-rests pivoted to the sides of the back-section, as shown. Their front ends are provided with a longitudinal slot, *c*, through each of which projects a lateral stud at the upper end of a radius bar, I, pivoted at either side of the front part of the seat-frame. About midway of the length of the radius bar I is pivoted a notched rod, J, whose notches engage with a stud, *d*, projecting from the side bar of the seat-frame, so that the back may be adjusted to any angle which the occupant may choose.

In folding the back-sections forward and downward on the seat the slots in the arms give the radius-bar studs the necessary play.

What I claim as my invention, and desire to secure by Letters Patent, is—

In iron folding chairs, the combination of the seat A provided with coiled springs *a a'*, the back B, the foot C, the legs D E F, the rest G, the radius bars I, and slotted arm-rest H, all the several parts being constructed, arranged, and operated substantially as described and shown.

GEORGE WILSON.

Witnesses:

HARRY S. SPRAGUE,
WILL S. ROGERS.

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