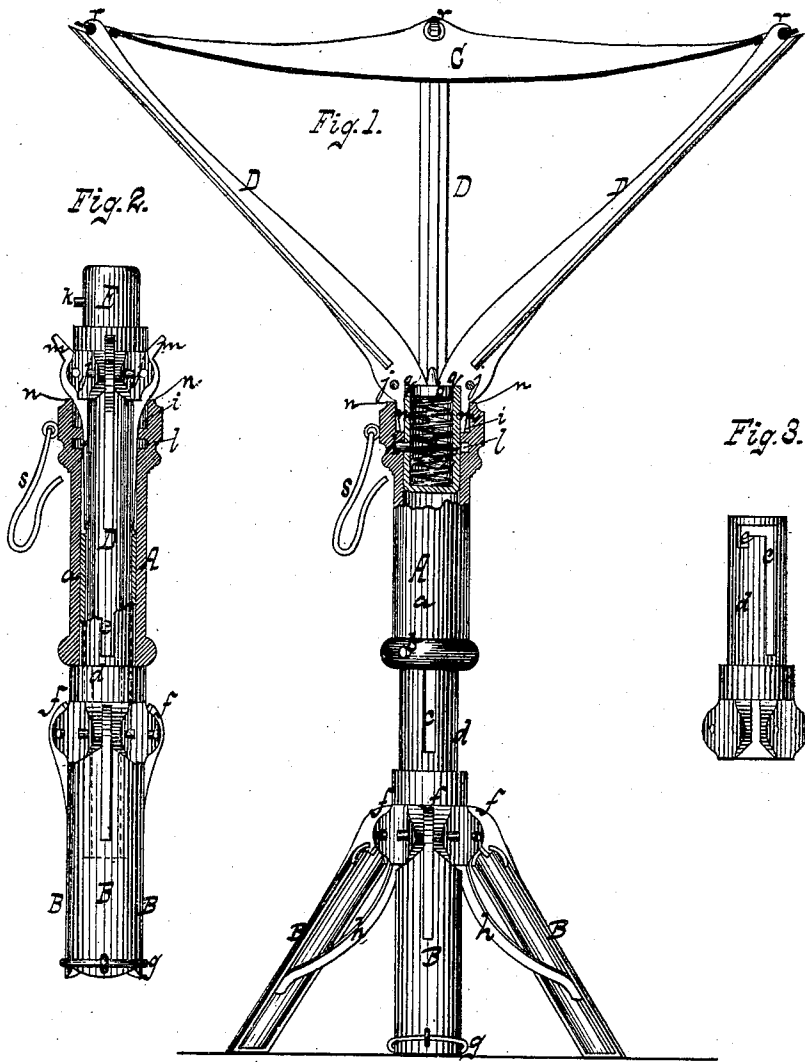


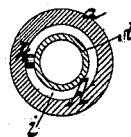
L. SAUTER.
CAMP-STOOL.

No. 178,881.

Patented June 20, 1876.



Witnesses.
Otto Hufeland.
Hugo Brüggemann



Inventor.
Lorenz Sauter
per
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Attorneys.

UNITED STATES PATENT OFFICE.

LORENZ SAUTER, OF JERSEY CITY, NEW JERSEY.

IMPROVEMENT IN CAMP-STOOLS.

Specification forming part of Letters Patent No. **178,881**, dated June 20, 1876; application filed March 3, 1876.

To all whom it may concern:

Be it known that I, LORENZ SAUTER, of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and useful Improvement in Folding Chairs, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a side view of my chair, partly in section, when the same is unfolded for use. Fig. 2 is a similar view of the same when it is folded. Fig. 3 is a side view of the inner section of the tubular supporting-bar. Fig. 4 is a horizontal section of the supporting-bar, and the head which carries the seat-supporting arms.

Similar letters indicate corresponding parts.

This invention relates to a chair which is constructed of a tubular supporting-bar and arms carrying a flexible seat, in such manner that the seat-supporting arms can be inserted in the tubular supporting-bar.

The improvements will be hereinafter fully described, and specifically pointed out in the claims, a preliminary description being, therefore, deemed unnecessary.

In the drawing, the letter A designates the tubular bar, which is made telescopic, so that it can be lengthened or shortened, its outer section *a* being provided with a pin, *b*, which catches in an L-shaped slot, *c*, in the inner section *d*, so that the outer section, when it is raised and slightly turned, is firmly retained in position. A slight depression, *e*, at the end of the horizontal branch of the L-shaped slot *c*, serves to retain the pin *b*, and with it the upper section, so that the latter cannot turn spontaneously. To the bottom end of the tubular supporting-bar A are hinged three legs, B, which are provided with stops *f*, so that the same, when turned out, are retained in the position shown in Fig. 1. These legs form segments of a tubular supporting-bar, A. When folded they are retained by a ring, *g*, and when this ring is taken off they are unfolded by the action of springs *h*. The seat C is supported by arms D, which extend from a head, E, that fits a socket, *i*, in the upper end of the tubular supporting-bar A. In the example shown in the drawing said arms are connected to their head by pivots *j*. When

the chair is to be folded up the arms can be inserted into the tubular supporting-bar, as shown in Fig. 2.

The head E is provided with a key, *k*, which can be made to enter a circular groove, *l*, in the socket *i*, so that said head is retained in the socket, and can be swiveled round without danger of becoming detached.

When the arms D are hinged to their head, as shown in the drawing, they are provided with toes *m*, which, when the arms are unfolded, and their head is inserted into the socket *i*, catch against a rim, *n*, on the mouth of said socket, and thereby the arms are prevented from collapsing when the chair is unfolded for use.

In the head E is situated a spring, *o*, which acts against a disk, *p*, that bears against shoulders *q* on the arms D, so that said spring has a tendency to spread the arms. The upper ends of the arms are provided with hooks *r*, to which the seat is attached, as shown in Fig. 1. When the chair is to be folded up, the seat is removed, the head E is withdrawn from the socket, the arms D are folded up and inserted into the tubular supporting-bar A, and the legs B are compressed and secured by the ring *g*. When thus folded my chair can be easily carried or suspended from the armhole of the vest, or any other portion of a garment, by means of a hook, *s*, and persons intending to go on picnics, or to visit an exhibition or fair, are enabled to provide themselves with chairs which can be easily carried and used whenever it may be desirable.

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

1. The seat-supporting arms D, arranged in the head E, and constructed with the toes *m*, in combination with the vertically-adjustable tubular supporting-bar A and hinged legs B, substantially as described.

2. The head E, having the pin *k*, in combination with the seat-supporting arms and tubular supporting-bar A, having the socket *i*, constructed with the circular groove *l*, into which the pin *k* on the head E extends, as and for the object specified.

3. The seat-supporting arms D, pivoted to the head E, and constructed with the toes *m*, extending rearwardly beyond the pivots, in

combination with the telescopic tubular supporting-bar A, having the rim *n*, and hinged legs B, substantially as described.

4. The combination, with the head E and hinged arms D, of a spring, *o*, and disk *p*, bearing against shoulders *q* on the arms D, substantially as and for the purpose shown and described.

In testimony that I claim the foregoing I hereunto set my hand this 24th day of February, 1876.

LORENZ SAUTER.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.