

Combined Bedstead and Invalid Chair.

W^m T. Eastes.

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Fig. 1.

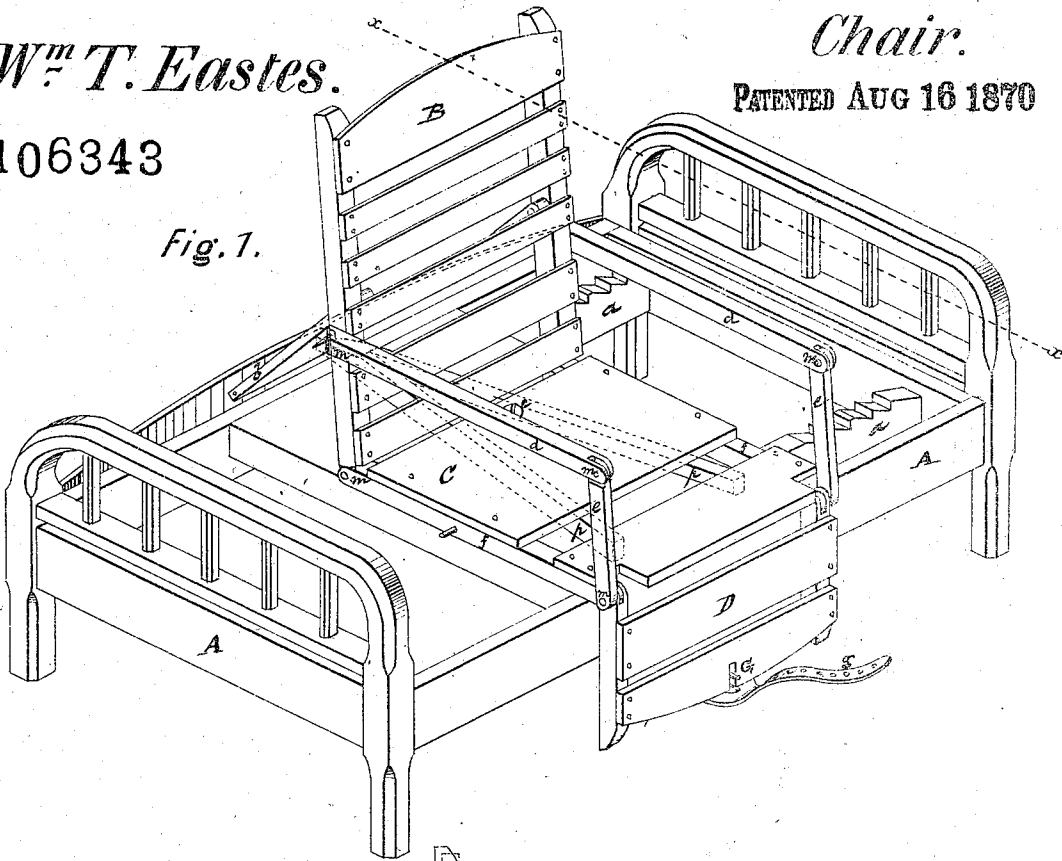
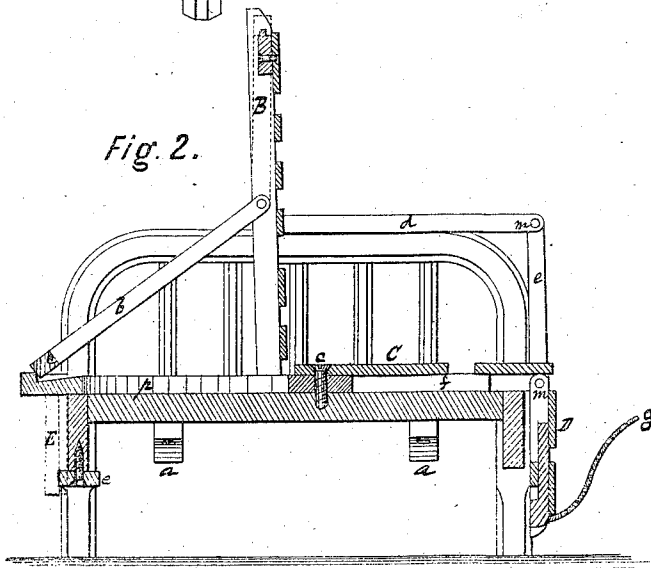


Fig. 2.



Witnesses:

Inventor:

Horns. Lauten.

W^m T. Eastes

Frederick Artois

by his Atty.^s

A. H. & R. K. Evans

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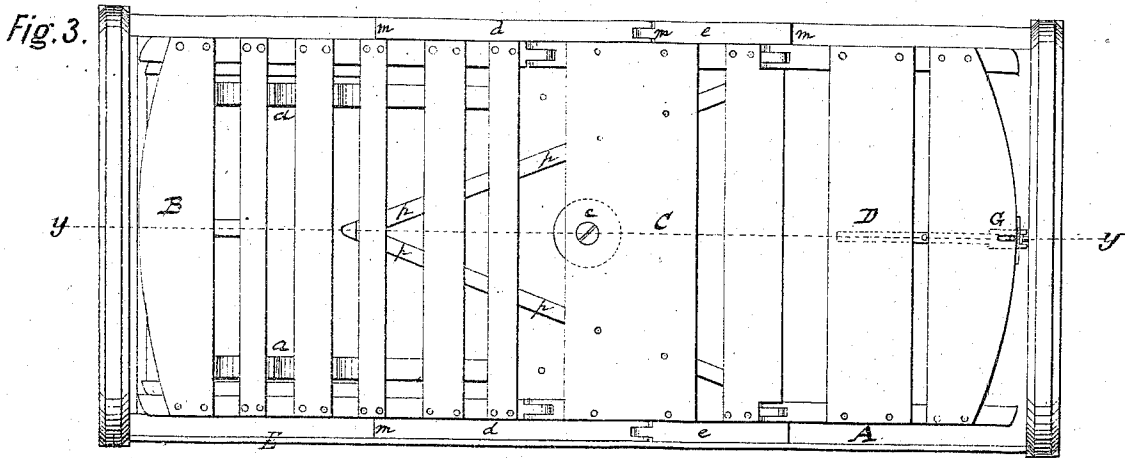
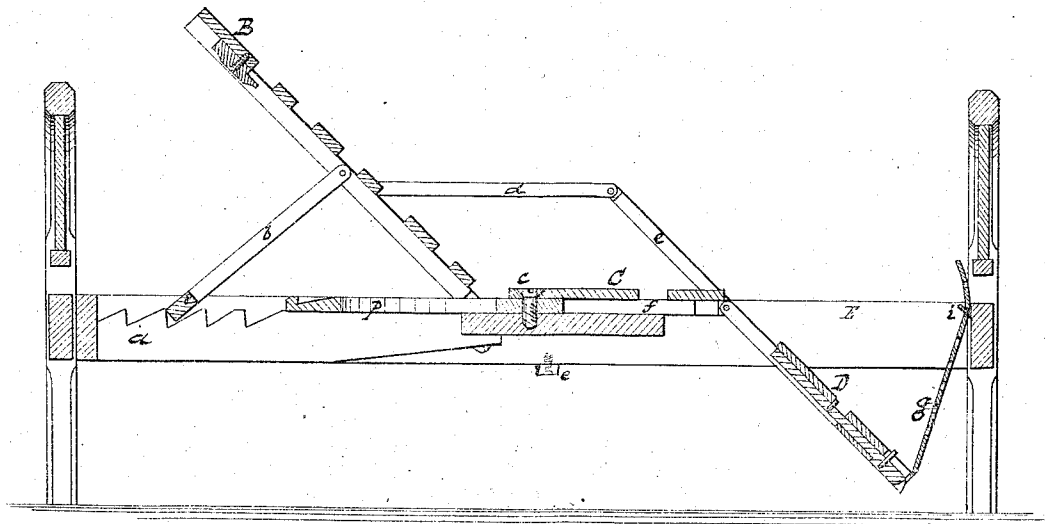


Fig. 4.



Witnesses:

Thom. Sauter.

Fred. Artois.

Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM T. EASTES, OF SUMMITVILLE, INDIANA.

IMPROVED INVALID CHAIR AND LOUNGE.

Specification forming part of Letters Patent No. **106,343**, dated August 16, 1870.

To all whom it may concern:

Be it known that I, WILLIAM T. EASTES, of Summitville, county of Madison, and State of Indiana, have invented a new and Improved Combined Invalid Chair and Lounge, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of my combined chair and lounge. Fig. 2 is a vertical sectional view of same through the line *x x*. Fig. 3 is a plan view of my invention arranged as a lounge. Fig. 4 is a side view with the chair in a half-reclining position.

The nature of my invention consists in providing a lounge which, from its peculiar make, can be changed to certain positions for the convenience of the nurse, and for the comfort and accommodation of sick, aged, and helpless persons.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A represents a lounge or bedstead, on the center of which is secured the invalid chair, which turns easily on a pivot-screw at *c*. The back B, bottom C, and front rest, D, of the chair are connected by pivoted joints at *m m*. The bars *d e* are connected with each other, and also with the back and bottom of the chair, by pivoted joints *m m*, so that when the chair forms the slatted bottom of the bedstead the pieces *d e* lie smoothly in the same plane, and when the part B is raised to form the back of the chair the pieces *d e* are forced up to form the arms of the chair.

When the chair is in the position shown in Fig. 1, the front rest, D, is allowed to fall, thus forming an easy and comfortable chair. When it is desired to place the invalid in a recumbent position, the rest D is raised by means of the perforated strap *g* to a level with the bottom of the bedstead, and then the chair is turned on its pivot-screw *c* to a position at right angles with that shown in Fig. 1. Then,

by means of the elevating-prop *b*, and the lowering-strap *g*, the chair may be made to assume any incline desired, as shown in Fig. 4, or become the horizontal lounge, as shown in Fig. 3. The notched sill *p p* revolves with the chair, and is always behind the back B, ready to catch the elevating-prop *b*. The notched sills *a a* are stationary, to catch and hold the elevating-prop *b* when the chair is being used as a lounge and an incline. G is a latch for securing the rest D in a horizontal position when not-in use. By means of the perforated strap *g* and the hook or button *i* (see Fig. 4) the rest D may be lowered or raised to suit the comfort of the invalid.

In order to raise a sick person from his bed, raise the elevating-prop *b* and lodge it in the notched sill *p p*. With the strap *g* turn the entire bed, and lower the front rest, D. Then the invalid can rise to his feet, as if from an ordinary chair. In lying down the opposite process is observed, the nurse having only to lift the patient's feet, turn the chair, and then lower the back B, all without once touching the sick person, thus avoiding the necessity of lifting the patient, much to his comfort, and to the relief of the nurse.

The side board, E, Fig. 2, is caused to slide below the button *e* when the chair is in use. When the chair is not in use, the side E is raised to conceal the chair, and is held in place by the button *e*, or its equivalent.

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

A combined lounge and invalid chair, composed of a frame, A, constructed with a sliding side board, E, parts B, C, and D, pivoted as described, and revolving on the center screw, *c*, with the elevating-prop *b*, notched sills *p p* and *a a*, arms *d e*, latch G, and perforated strap *g*, all constructed and arranged substantially as and for the purpose set forth.

WILLIAM T. EASTES.

Witnesses:

MARSHALL T. EASTES,
AUSTIN P. WARD.