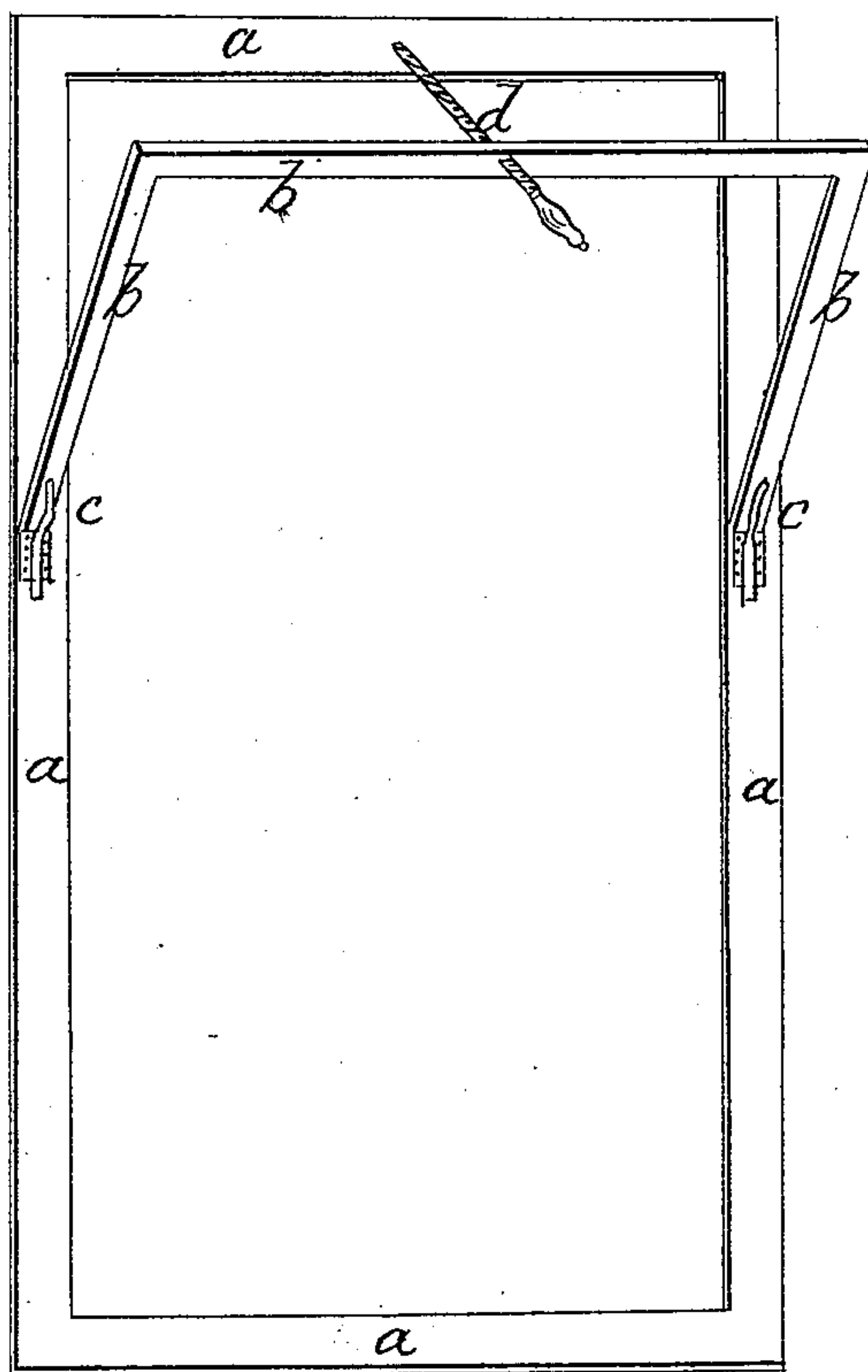


R. Krause,

Bed Head-Section,

No. 47,112,

Patented Apr. 4, 1865.



Inventor;

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Witnesses;

*L. G. Stearns
John Pollard*

UNITED STATES PATENT OFFICE.

ROBERT KRAUSE, OF NEW YORK, N. Y.

IMPROVED MATTRESS.

Specification forming part of Letters Patent No. 47,112, dated April 4, 1865.

To all whom it may concern:

Be it known that I, ROBERT KRAUSE, of New York city, in the county of New York, in the State of New York, have invented a new and Improved Mode of Turning any Spring Bed-Mattress into a Comfortable Bed; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the adjusting of an additional movable frame to the upper part of common mattress-frames destined to hold, on belts or in other manner, the springs of a stuffed bed-mattress, which movable frame receives the springs and stuffing, and thereupon represents the upper third of the mattress, being raised or lowered *ad libitum* by means of a screw at the top and held in the given position by spring-tongues at the ends of the same. If the upper part of the mattress is raised, it constitutes a comfortable bed without the aid of cushions and pillows. The desired elevation can be given to this bed without any difficulty by the person resting on it already.

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

I construct my frame, Figure *a*, and spring-bottom for mattresses in any of the known forms; but instead of fitting the upper third of the frame likewise with springs, a second movable frame, Fig. *b*, is attached, which is fastened to the whole frame by means of canvas or leather strips at its ends, and held in

position, if raised to a certain elevation, by a pair of stout spring-tongues, Fig. *c*. This movable frame receives the springs and stuffing of so much of the common frame as it displaces—say one-third from the top downward—and forms, if on a level, a unique mattress with the remaining two-thirds of the common frame. Through the center of the top piece of the additional frame passes a screw down to the whole or common frame, to which it is fastened. By the turning of this screw, Fig. *d*, the described movable part of the mattress rises easily from a level to any angle which the habit or comfort of the sleeper or patient may desire, at which angle it is firmly held by the screw and the aforesaid spring-tongues. While the screw is turned in order to raise the bed, the folds of the canvas covering provided for at the upper part expand with the elevation—all of which construction and operation will be understood at a glance.

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

The application of a movable partial frame, adjusted by a screw and held in position by spring-tongues, to any common mattress-frame and spring-bottom, by means of which frame, screw, and spring-tongues any spring bed-mattress can be turned into a comfortable bed without the aid of cushions and pillows, as herein described.

New York, January 16, 1865.

ROBERT KRAUSE.

Witnesses:

J. G. STEUERLEIN,
JOHN POLLOK.