

H. STEIN.

Improvement in Bedstead-Keys.

No. 130,671.

Patented Aug 20, 1872.

Fig: 1

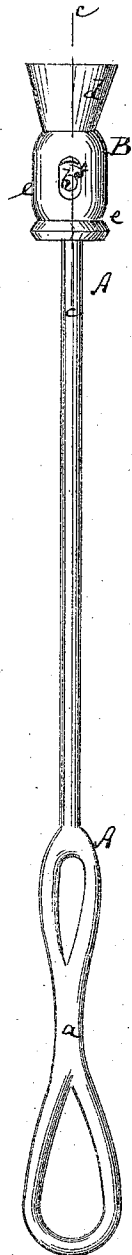
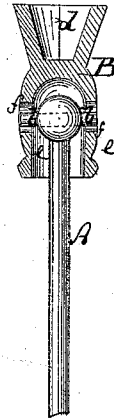


Fig: 2



Witnesses:

Chas. Nida.
Geo W. Mabee

Inventor:

H. Stein

PER

Munnell
Attorneys.

UNITED STATES PATENT OFFICE.

HERRMANN STEIN, OF NEW YORK, N. Y.

IMPROVEMENT IN BEDSTEAD-KEYS.

Specification forming part of Letters Patent No. 130,671, dated August 20, 1872.

To all whom it may concern:

Be it known that I, HERRMANN STEIN, of the city of New York, in the county and State of New York, have invented a new and Improved Bedstead-Key; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a side view of my improved bedstead-key. Fig. 2 is a detail central section of the same on the line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention has for its object to produce a wrench or key which can be conveniently used on bedsteads for turning the connecting bolts or pins, and wherever a straight or rigid wrench is difficult to apply. The invention consists in connecting the head of the wrench to the shank so as to form a flexible joint, thus permitting the application of the instrument in corners or wherever other ordinary wrenches or keys are difficult to apply.

A in the drawing represents the shank of

the key, having a suitable handle, *a*, at one end and two projecting pins, *b b*, at the other end. B is the head or main body of the wrench. It has at one end a prismatic cavity, *d*, to fit the prismatic head or end of pin or bolt to be turned, and at the other end a socket, *e*, with slots *f f* in the sides. The end of the shank A enters this socket, and the pins *b* fit through the slots *f*, as shown. In this manner the head is jointed on the shank, and can swing on the pins *f* to be at a suitable angle to the shank, as may be required in the various positions of application.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The wrench or key composed of the shank A which has the pins *b b*, and of the head B having the cavity *d*, socket *e*, and slots *f*, both connected, substantially as herein specified and described.

HERRMANN STEIN.

Witnesses:

T. B. MOSHER,
GEO. W. MABEE.