

W. H. LEININGER.
SHACKLE.

No. 177,406.

Patented May 16, 1876.

Fig. 1.

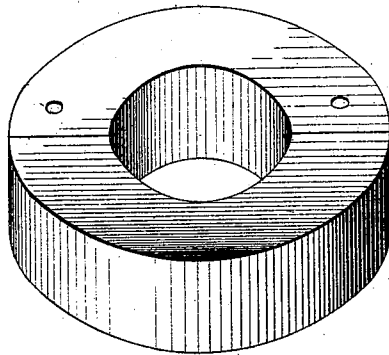


Fig. 2.

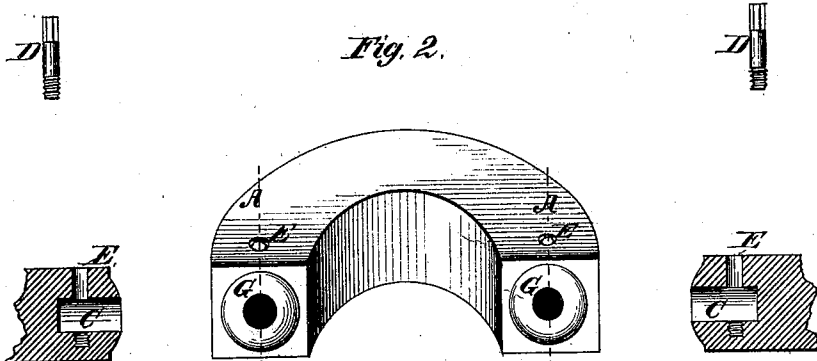
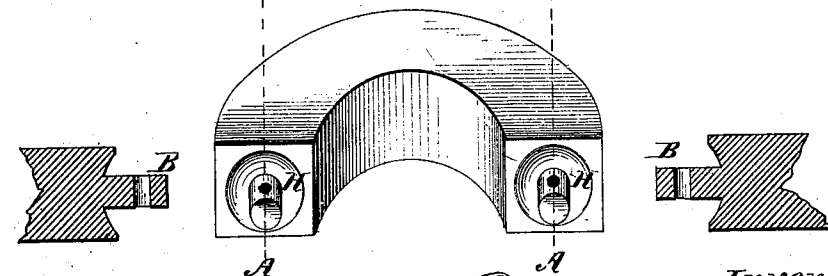


Fig. 3.

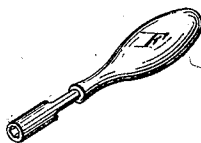


Witnesses.

*James Walton
John S. Walton*

Inventor.

William H. Leininger



UNITED STATES PATENT OFFICE.

WILLIAM H. LEININGER, OF SALEM, OREGON.

IMPROVEMENT IN SHACKLES.

Specification forming part of Letters Patent No. **177,406**, dated May 16, 1876; application filed February 11, 1876.

To all whom it may concern:

Be it known that I, WILLIAM H. LEININGER, of Salem, Marion county, Oregon, have invented an Improved Shackle, of which the following is a specification:

My invention is an improved shackle for securing prisoners with more safety, less discomfort, and greater facility of application and removal by the officer in charge than heretofore.

Figure 1 is a perspective view of the shackle as it appears in use. Figs. 2 and 3 are respectively the male and female halves of the shackle. At the sides of Figs. 2 and 3 are profiles of sections through the dotted lines A A.

When used, the detached halves, Figs. 2 and 3, are brought together on each side of the prisoner's leg and are fitted together by inserting the bolts B B into the holes C C, and are then secured by the case-hardened screw-pins D D, slightly tapering, so as to draw the halves tightly together, which are inserted from the lower side of the shackle into the holes E E, and, passing through the bolts B B, are screwed into place by the key F fitting their hexagonal heads.

The bolts of the shackle are secured from being cut or sawed at the junction of the two halves by the bosses of case-hardened steel G G on the one half, fitting into corresponding hollows H H in the other half.

The pins D D, being of hardened steel, cannot be removed by drilling, and the interstices between their hexagonal heads and the circular holes, into which they are inserted, are so small that without the jailor's or a similar key they cannot be unscrewed.

The shackle, when attached, is of a compact cylindrical shape, without projecting parts, giving no useless annoyance to the prisoner.

I claim as my invention—

An improved shackle, consisting of the two halves, one having the bolts B and hollows H cast with it, and the other cast with bosses G and holes C, and adapted to be secured together by pins D, in the manner shown and described.

WILLIAM H. LEININGER.

Witnesses:

JAMES WALTON,
GEO. W. KIBBEE.