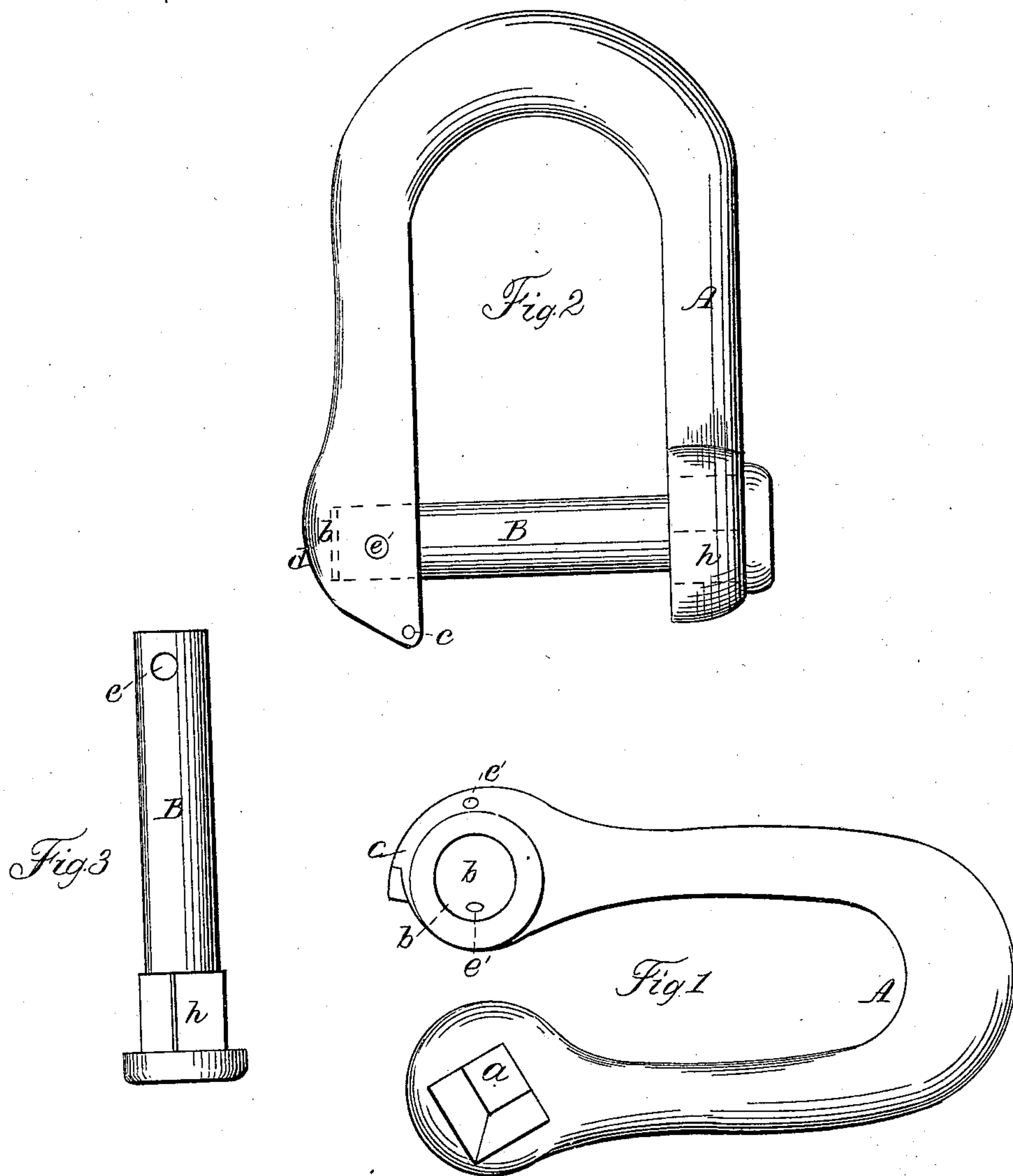


F. SIGRIST.

Plow-Clevis.

No. 30,766.

Patented Nov. 27, 1860.



Witnesses
D. Williams
Sam. Humann

Inventor.
F. Sigrist

UNITED STATES PATENT OFFICE.

FREDERICK SIGRIST, OF NAPA COUNTY, CALIFORNIA.

IMPROVED CLEVIS.

Specification forming part of Letters Patent No. 30,766, dated November 27, 1860.

To all whom it may concern:

Be it known that I, FREDERICK SIGRIST, of the county of Napa, and State of California, have invented a new and useful Improvement for a Clevis, which I call "Sigrist's Improved Clevis;" and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

A represents a curved piece of either wrought or cast iron, or other metal, in shape similar to the clevis in common use, having at one end a square hole, *a*, passing through the same, and at the other extremity a round hole partially through, as shown more particularly in Figure 2.

B is a bolt with a square head, *h*, to fit the square hole *a*. The lower end of the bolt has a hole through it, as shown at *e*, corresponding to a hole in the curved piece of iron, (marked *e'*.)

c is a sort of lip on the end of the clevis for the purpose of passing a thong of leather through.

Operation: To use the clevis, after the same has been attached to the article upon which it is to be used and its bolt put in place, the thong of leather, having previously been passed

through the hole *c*, so as always to be secured to the clevis, is passed through the holes *e'* and *e*, thus securing the bolt in place.

In the clevis in common use the bolt passes entirely through, projecting sufficiently on the under part to allow of a hole to be made in same for the purpose of receiving a thong of leather, pin, or other fastening. The end of the bolt thus protruding is constantly liable to be striking against stones or the hard ground, causing the fastening of the same to give way, whereas in the improved clevis hereinbefore described the bottom of the bolt not passing through the clevis, this difficulty is obviated, and the clevis at *d*, being smooth on the under side, is less liable to catch in anything that may be in the way.

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

Making that end of the clevis A which is to receive the perforated end of the bolt B with a hole, *b*, closed at the bottom at *d*, for the purpose described.

FR. SIGRIST.

Witnesses:

D. C. WILLIAMS,
SAML. HERMANN.