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HOWE'S PATENT BOLT-CUTTER

REGISTERED TRADE-MARK

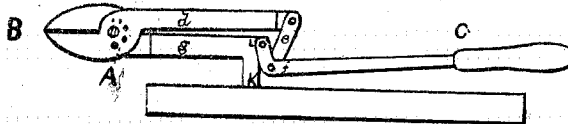
GEORGE A. HOWE'S

Combined

BOLT-CUTTER & POWER-SHEARS.

No. 122,466.

Patented Jan. 2, 1872.



Witnesses:-

Perley Hale, Jr.
Perley Hale

Inventor:-

George A. Howe.

UNITED STATES PATENT OFFICE.

GEORGE A. HOWE, OF NILES, MICHIGAN.

IMPROVEMENT IN COMBINED SHEAR AND BOLT-CUTTER.

Specification forming part of Letters Patent No. 122,466, dated January 2, 1872; antedated December 21, 1871.

SPECIFICATION.

I, GEORGE A. HOWE, of Niles, in the county of Berrien and State of Michigan, have invented an Improved Tool for Shearing Metal and Cutting Rods, of which the following is a specification:

My invention relates to an instrument with which very thick sheet metals and bolts can be easily cut.

In the accompanying drawing, B represents the shears; A, the bolt-cutter; and C *f*, the handle, to which power is applied. The handle C *f* is secured to one arm, *g*, of the shears, at L, and connected with the other arm, *d*, by

the link *e*. K serves to secure the instrument to the bench. The bolt-cutter A consists of holes cut through *d* B and *g* B, around or near the fulcrum A of the shears.

Claim.

I claim as my invention—

The improved tool herein described for shearing metal and cutting rods, substantially as above described.

GEORGE A. HOWE.

Witnesses:

DAVID BACON,
JOHN KING.

(119)