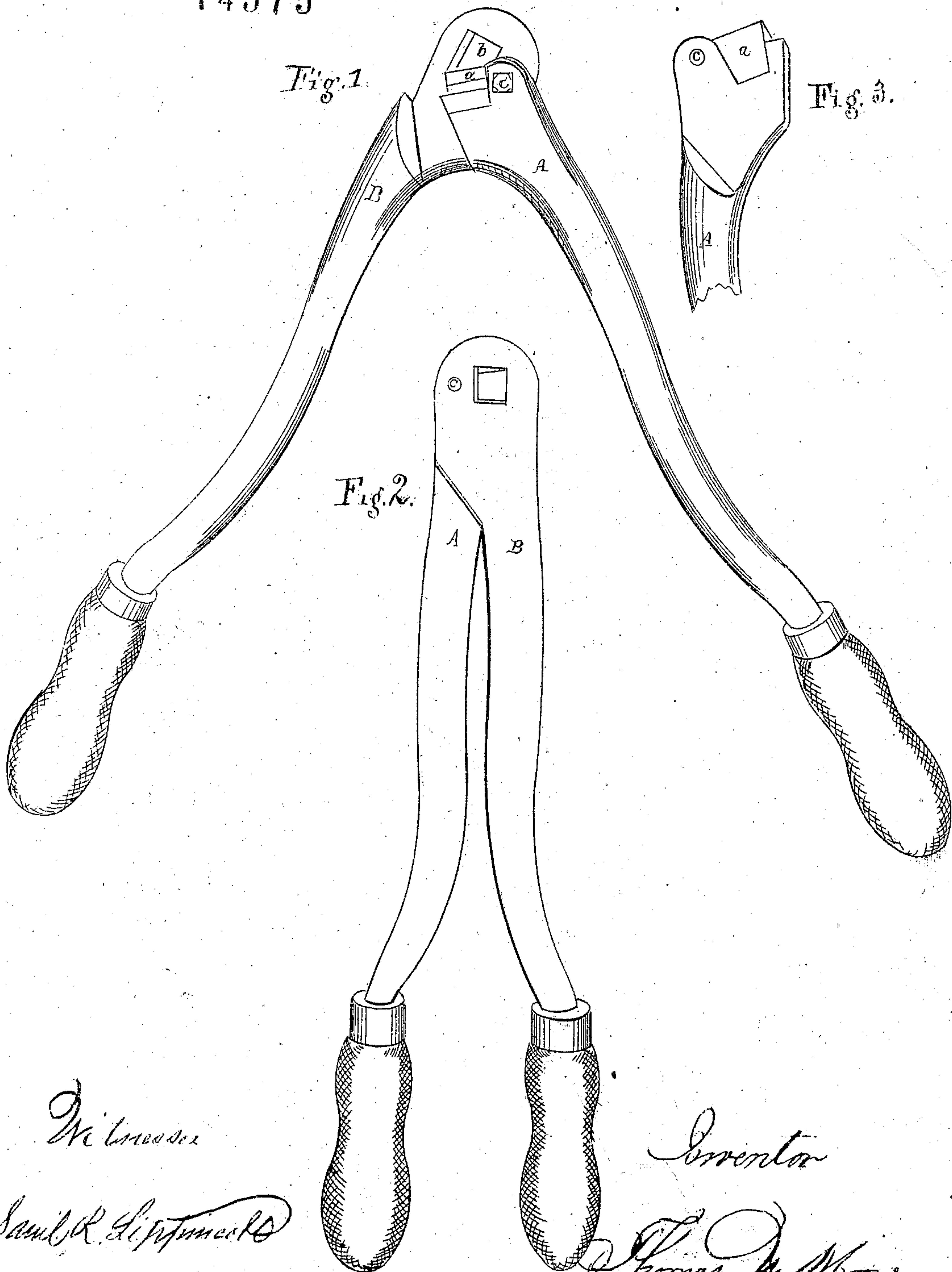


T. W. MOORE'S,

Bolt Cutter. PATENTED

FEB 18 1868

74575



Witnesses

Saml R. Lippincott

Jonathan J. Ridge

Inventor

Thomas W. Moore

By Joseph Ridge
his attorney

United States Patent Office.

THOMAS W. MOORE, OF RICHMOND, INDIANA.

Letters Patent No. 74,575, dated February 18, 1868.

IMPROVEMENT IN BOLT-CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS W. MOORE, of the city of Richmond, and State of Indiana, have invented a new and useful Improvement in Bolt-Cutters; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figures 1 and 2 are perspective views of reverse sides of the invention, and

Figure 3 is a section, showing cutting-bit.

The same letters in the different figures refer to corresponding parts.

My invention relates to a tool for cutting the superfluous ends from bolts, and consists of a pair of tongs, like levers, having their fulcrum-rivet near one end, the operation of cutting consisting in a "shears-like" movement of the levers. The cutting-edge in my invention, however, being unlike that of shears, is situated on one end of a lever.

To enable others skilled in the art to make and use my invention, I will proceed to describe it with reference to the drawings.

A represents the lever, on which the cutting-edge is made. In the accompanying example, a bit is dovetailed into the end of said lever. The cutting-edge may be formed on the end of lever A itself, when the latter is composed of suitable metal, which, if desirable, (as I propose to make the levers of malleable iron, for cheapness in construction,) may be obtained by forming the end of lever A suitably for the purpose, and riveting on a steel end. The lever B is provided with a rectangular aperture, *b*, opposite the cutting-edge of lever A, which aperture is made of a size suitable to allow the tool to be passed on said nut, for a rest during the operation of cutting, which is done by bringing the handle-ends of said levers together, and the bolt thus clipped off. For greater durability, the screw or bolt *c* is made of steel.

The advantages of my invention are, its superior cutting qualities, its simplicity, cheapness, and durability.

Having thus fully described my said invention, what I claim, and desire to secure by Letters Patent, is—

The combination of lever A (provided with cutting-edge, as set forth) and lever B, (provided with aperture *b*,) when operating substantially as and for the purpose described.

THOMAS W. MOORE.

Witnesses:

JOSEPH RIDGE,

W. R. WEBSTER.