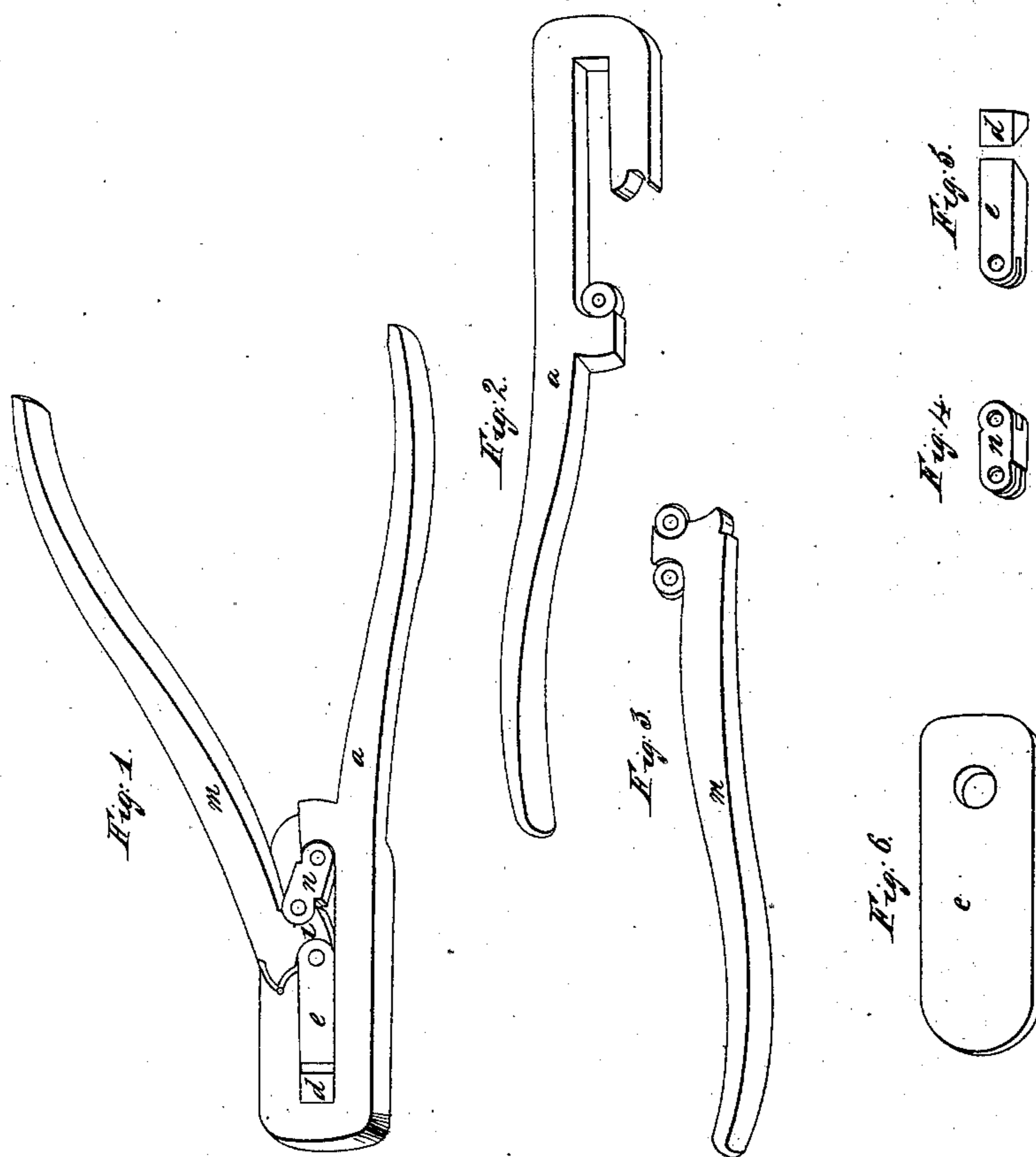


*A. Carbyn,*  
*Bolt Cutter.*

*N<sup>o</sup> 78,055.*

*Patented May 19, 1868.*



Witnesses:

Edward Cray  
J. A. Vance

*Inventor:*

Alexander Carbone

# United States Patent Office.

ALEXANDER CARBNOW, OF POTSDAM, NEW YORK.

*Letters Patent No. 78,055, dated May 19, 1868.*

## IMPROVEMENT IN BOLT-CUTTERS.

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

Be it known that I, ALEXANDER CARBNOW, of the town of Potsdam, county of St. Lawrence, and State of New York, have invented a new and improved Bolt-Cutter; and I 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, in which—

Figure 1 is a perspective view of said bolt-cutter.

Figure 2, handle or lever A.

Figure 3, handle or lever M.

Figure 4, coupling-bar N

Figure 5, the dies or cutter *d* and the slide E.

Figure 6, plate C attached to handle or lever A, and, with it, forming a groove for the slide E.

The said bolt-cutter is so constructed that the handles or levers A and M, acting in combination with the knuckle-joint O and the cam *i* upon the slide E, force it forward towards the cutter *d* with great power, and by means of which the bolt is cut.

I claim the devices as arranged and shown in combination, as and for the purposes set forth.

ALEXANDER CARBNOW.

Witnesses:

J. W. VANCE,

EDWARD CRARY.