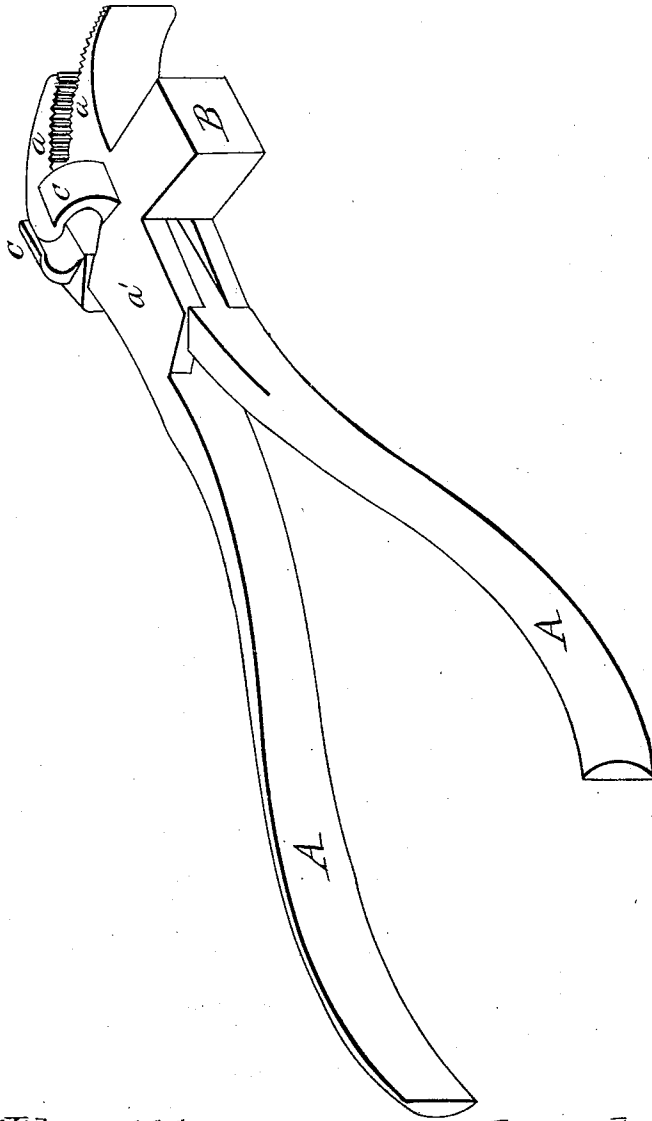


D. Sweetman,
Shoemakers' Tool,
N^o 40,291, Patented Oct. 13, 1863.



Witnesses

Inventor

Octavius Knight
Charles Smith

David Sweetman

UNITED STATES PATENT OFFICE.

DAVID SWEETMAN, OF HOMER, NEW YORK.

COMBINED NIPPERS AND PINCHERS.

Specification forming part of Letters Patent No. 40,291, dated October 13, 1893.

To all whom it may concern:

Be it known that I, DAVID SWEETMAN, of Homer, in the county of Cortland and State of New York, have invented certain new and Improved Shoemaker's Pinchers and Nippers Combined; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawing, which forms a part of this specification, and in which my invention is represented by a perspective view.

The object of the present invention is to so combine those implements commonly known under the appellations of "pinchers" and "nippers," respectively, that the distinct functions of each, heretofore requiring separate instruments, may be performed by one, as will be hereinafter more specifically explained.

To enable others skilled in the art to which my invention appertains to fully understand and use the same, I will proceed to describe it.

In the accompanying drawing, A A represent the handles of my improved device, which are pivoted at *a'* and have formed on their ends the jaws *a a*, which constitute the pinchers proper. These jaws are corrugated, as shown in the drawing, to adapt them to hold or grip the leather more securely. B may represent the hammer formed upon the under side of the instrument in the ordinary manner.

C C represent a pair of blades forming the nippers. These nipper blades must be of a sufficient size to insure durability and strength, and are designed to be cast or molded with and upon the pinchers, near the rear extremity of the jaws *a a*, to avoid interfering with the efficient operation of the latter when used for drawing leather tightly upon or over the crimp or last, or for other purposes.

By preference, the nippers are located on the left hand side of the instrument, so that the operation of drawing tacks, nails, &c., or cutting wire may be more conveniently performed.

By this invention it will be apparent that a single instrument is provided, which is at once simple and well adapted to perform the functions for which two separate tools have hitherto been required.

Having thus described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

The combination of the handles A A, jaws *a a*, hammer B, and nipper-blades C C, the whole being arranged to operate substantially as and for the purpose explained.

DAVID SWEETMAN.

Witnesses:

OCTAVIUS KNIGHT,
DANIEL S. BURROUGHS.