

P. WHIGHTSIL.  
Nipping and Clinching Tool.

No. 205,021.

Patented June 18, 1878.

Fig. 1.

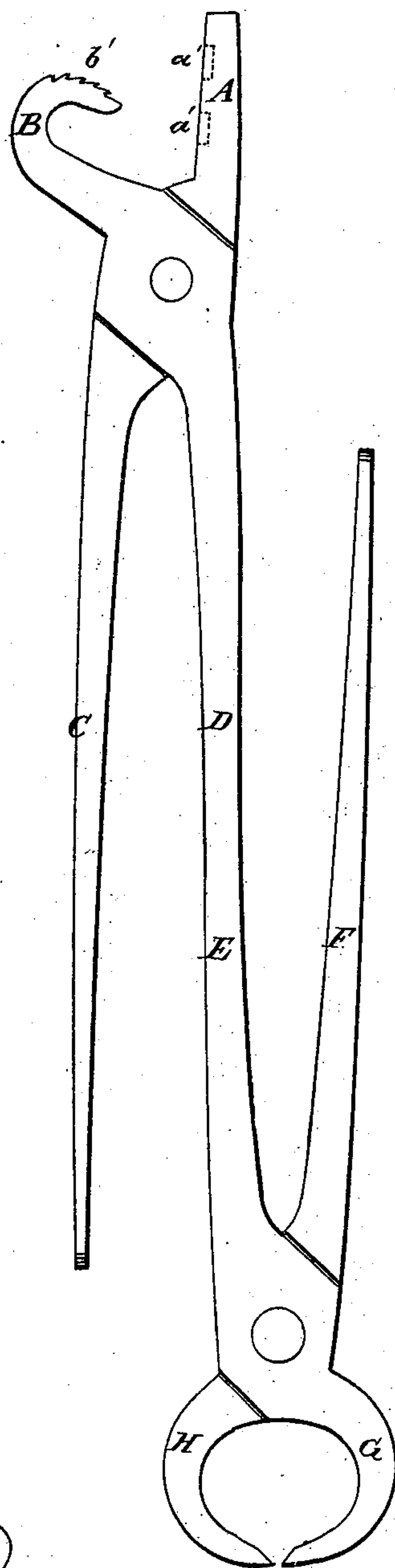


Fig. 2.



WITNESSES:

*Chas. Nida.*  
*C. Sedgwick*

INVENTOR:

*P. Whightsil.*  
BY *Munn Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

PHILIP WHIGHTSIL, OF PICKERINGTON, OHIO, ASSIGNOR TO HIMSELF AND  
EDWARD HARRIS, OF SAME PLACE.

## IMPROVEMENT IN NIPPING AND CLINCHING TOOLS.

Specification forming part of Letters Patent No. **205,021**, dated June 18, 1878; application filed  
April 27, 1878.

*To all whom it may concern:*

Be it known that I, PHILIP WHIGHTSIL, of Pickerington, in the county of Fairfield, Ohio, have invented an Improvement in Nipping and Clinching Tools, of which the following is a specification:

The invention will first be described in connection with the drawing, and then pointed out in the claim.

Figure 1 of the drawing is a side view; Fig. 2, a detail plan view of the inside of the straight jaw.

A B represent the jaws of the clinching-tool, having, respectively, the recesses *a'* and serrations *b'*, while H G indicate the jaws of the nipper. The diagonally-opposite jaws B G are connected by the median handle D E, while each implement has an independent handle, C and

F, on opposite sides of, crossing, and pivoted to the handle D E.

I am aware that a tool embracing both nippers and clinchers has been in use; but the independent handles are both upon the same side of the common handle, and are found to interfere with each other.

What I claim as new and of my invention is—

A compound clinching and nipping tool having a common handle, D E, for the diagonal jaws B G, and the independent handles C F on opposite sides thereof, as shown and described.

PHILIP WHIGHTSIL.

Witnesses:

WILLIAM HELPMAN,  
JOHN HELPMAN.