

P. WHIGHTSIL.
Nipping and Clinching Tool.

No. 205,021.

Patented June 18, 1878.

Fig: 1.

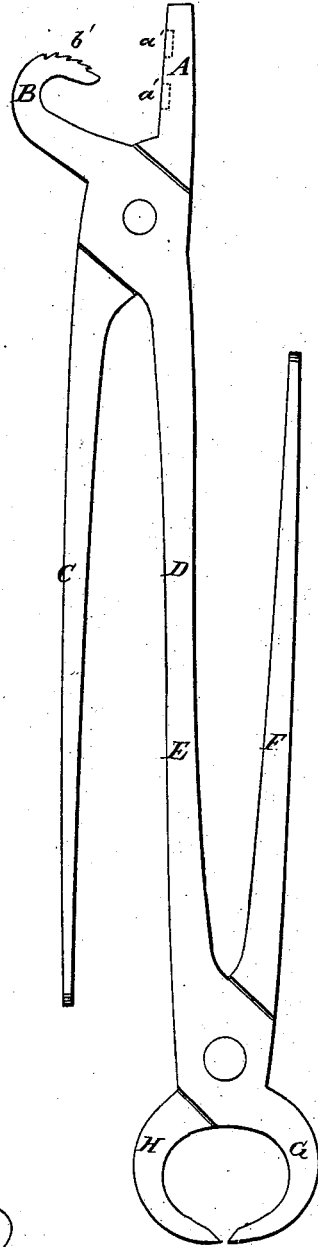
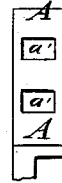


Fig: 2.



WITNESSES:

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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.