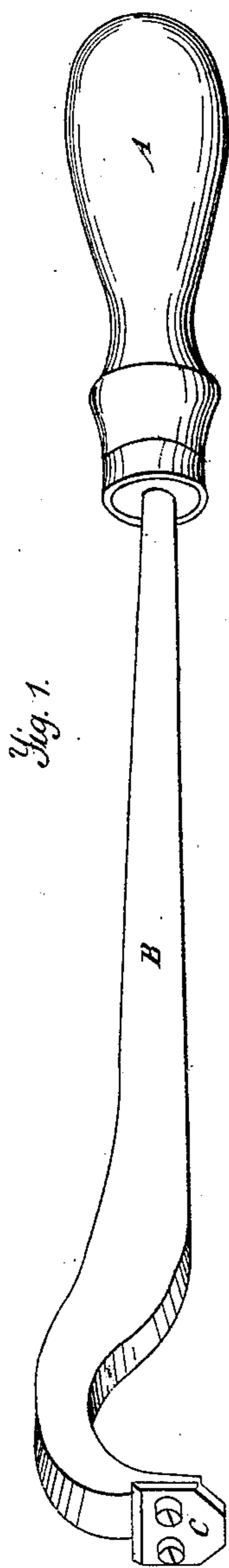


*J. Jann,*

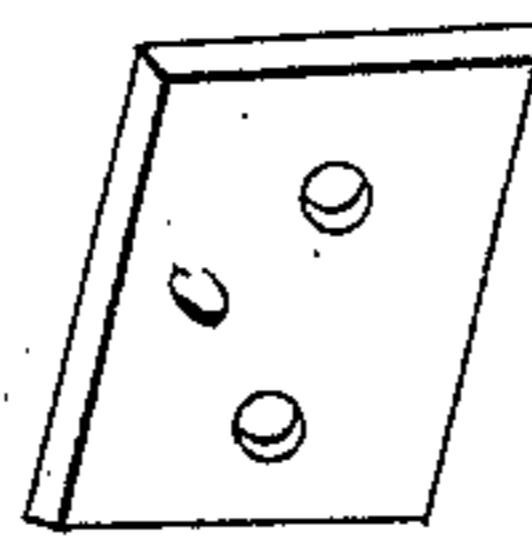
*Sharpening Reaper Knives.*

*N<sup>o</sup> 59,770.*

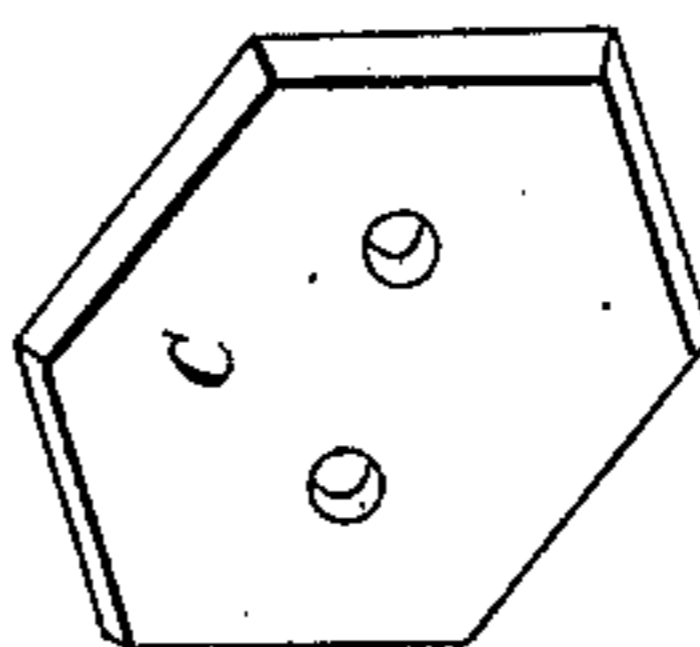
*Patented Nov. 20, 1866.*



*Fig. 3.*



*Fig. 2.*



*Witnesses.*  
*W. F. Hall.*  
*Jas. L. Owen.*

*Inventor.*  
*John Jann.*  
*By Messrs. C.*  
*Atty.*

# United States Patent Office.

IMPROVED TOOL FOR SHARPENING SICKLES OF HARVESTERS, &c.

JOHN JANN, OF NEW WINDSOR, MARYLAND.

*Letters Patent No. 59,770, dated November 20, 1866.*

## SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN JANN, of New Windsor, in the county of Carroll, and State of Maryland, have made new and useful improvements in Tools for Sharpening Sickles of Harvesters, &c.; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same sufficient to enable one skilled in the art to which it appertains to construct and use the same, reference being had to the accompanying drawings, which are made part of this specification, and in which—

Fig. 1 is a perspective view of the tool.

Figs. 2 and 3 are cutter plates of different form and angular character.

This tool consists of a handled shank and a set of angular hardened steel cutters of varying marginal outline, and with chamfered or sharpened edges; the cutter being adapted for attachment by screws to the head of the shank, the angular bit or plate being adapted to the face of the object from which it is to remove a shaving or ribbon of metal.

In the drawings, A is the handle, B is the shank, C, C, C, the bits or platess having sides of varying angles, 90°, 120°, and 135°, adapted to enable the corner to reach into openings or between objects whose adjacent sides bare those relative angles.

The plates are secured by screws or equivalent means, and the tool is primarily intended for sharpening the knives or sickle sections of mowers or reapers, but may also be used for sharpening some other varieties of edge tools whose temper permits, and in cases where the edge required of not an extremely sharp character.

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

The tool-holder, A B, in combination with substitute cutter plates C, C, C, of varying angular forms, applied and secured to said holder as and for the purpose described.

JOHN JANN.

Witnesses:

SOLOMON S. ECKER,  
JOS. A. STOFFER.