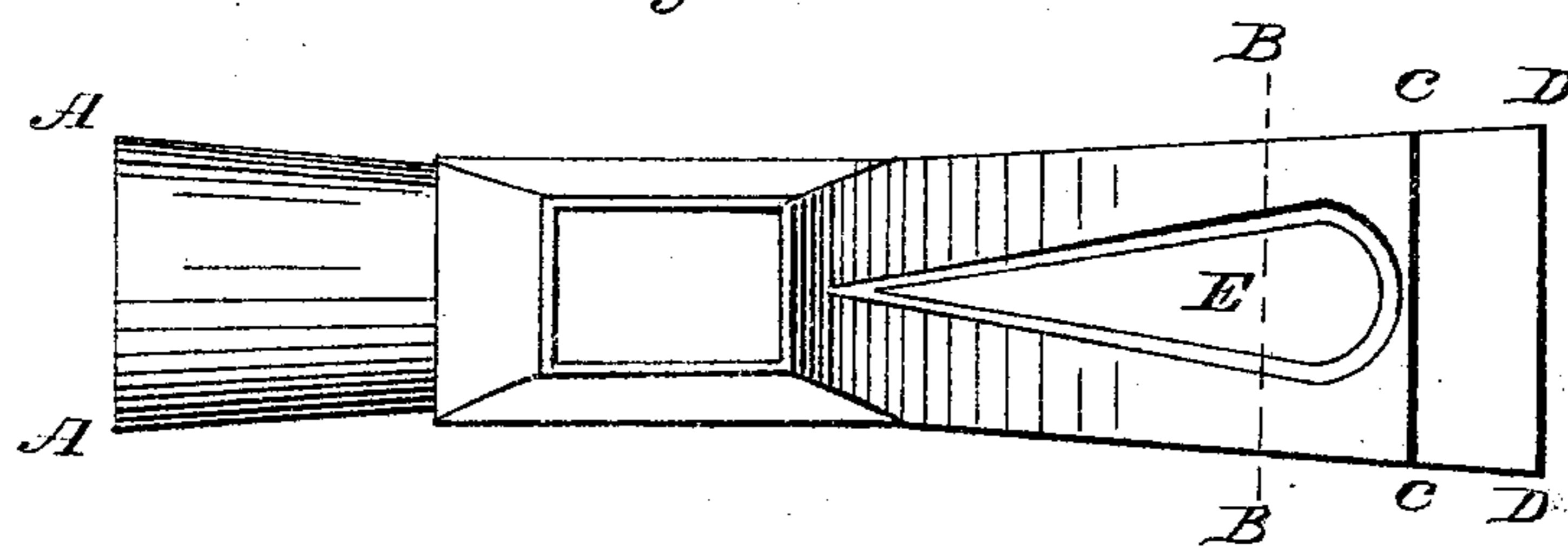


*J. O. Montignani,*  
*Hammer.*

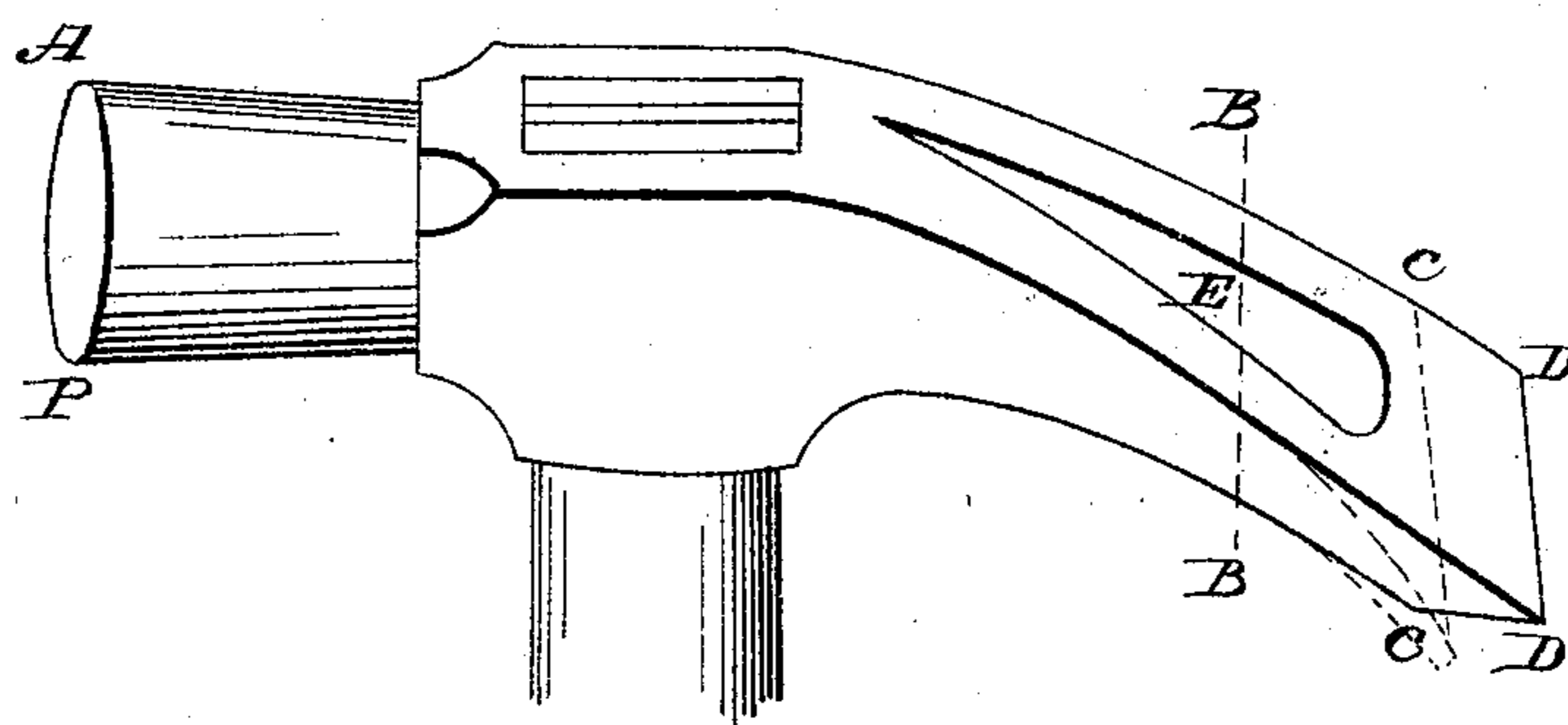
*N<sup>o</sup> 46,574.*

*Patented Feb. 28, 1865.*

*Fig 1*



*Fig 2*



*Witnesses:*

*Thos Hark Deltitt.*  
*Thomas Harkes*

*Inventor:*

*John O Montignani*

# UNITED STATES PATENT OFFICE.

JOHN O. MONTIGNANI, OF ALBANY, NEW YORK.

## IMPROVED CARPENTER'S HAMMER.

Specification forming part of Letters Patent No. **46,574**, dated February 28, 1865.

*To all whom it may concern:*

Be it known that I, JOHN O. MONTIGNANI, of the city of Albany, State of New York, have invented a new and useful Improvement in the Construction of Carpenters' Hammers, making a tool which I name the "Carpenter's Adz-Hammer;" and I declare the following specification, with the drawings accompanying and forming part of it, to be a full and complete description of said tool.

Figure 1 represents the hammer in plan in reverse; Fig. 2, in perspective.

Similar letters in both figures denote the same parts of the tool.

The hammer is made in its form like the ordinary carpenter's hammer from its face A A to that part of its claw at B B. From that point the ordinary hammer curves down in the manner indicated by the dotted lines in Fig. 2, terminating with open jaws.

My hammer has its curves carried more gradually from B B to D on its upper surface and to C on its lower surface, with some thickness at C C, so as to permit the finishing of its back end with a steel cutting-chisel or adz-edge, as shown by the drawings. This edge extends across the entire end of the tool and unites what in the ordinary hammer forms the claw. To fit it for a nail-drawer, the usual cleft, E, is continued from B to the range of C, where it is rounded off with a bevel-widening

from the upper to the lower edge and from end to end, as shown.

The advantages of this tool will be manifest to any mechanic, and may be suggested as follows: The convenience to a workman of having in hand a well-balanced hammer and a tool performing the functions of a hatchet, adz, or chisel is unquestionable, saving in carpenters' work the necessity of hunting up on an emergency a tool to perform a slight operation for which a chisel or hatchet might be required, such as rounding edges, trimming angles, and fitting in small pieces for closing work. It would be equally convenient for general use with merchants and others for opening and closing boxes, &c, being a much handier tool than the common hatchet-hammer. For house service it would certainly be an especially convenient tool.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The method of constructing a hammer by finishing what is ordinarily a claw end with a steel cutting-edge, like that of an adz or chisel, as described in the above specification.

2. The construction of the cleft for drawing nails, as shown at E, in combination with the above adz or chisel edge.

Witnesses: JOHN O. MONTIGNANI.  
RICHARD DE WITT,  
THOMAS HAYES.