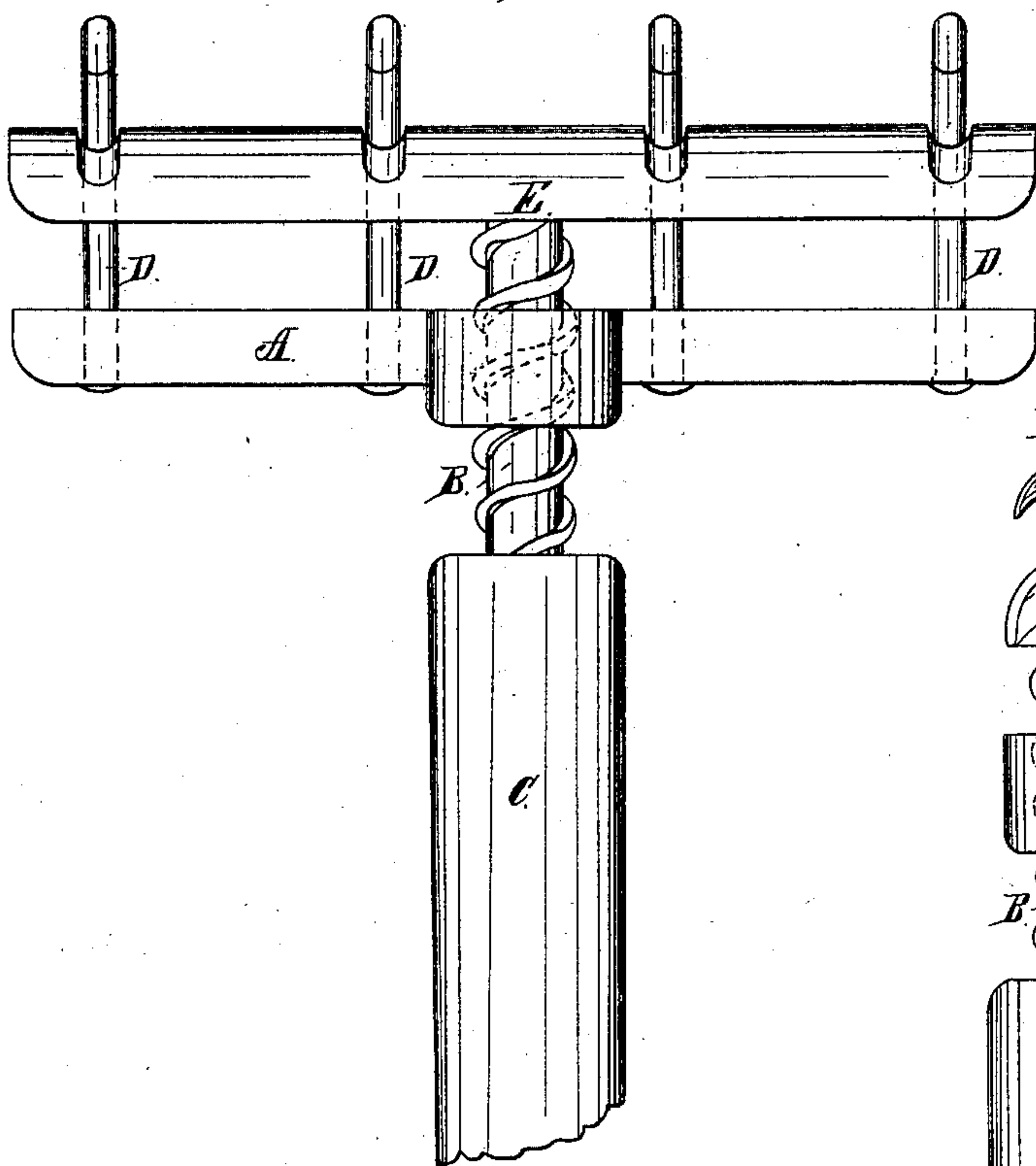
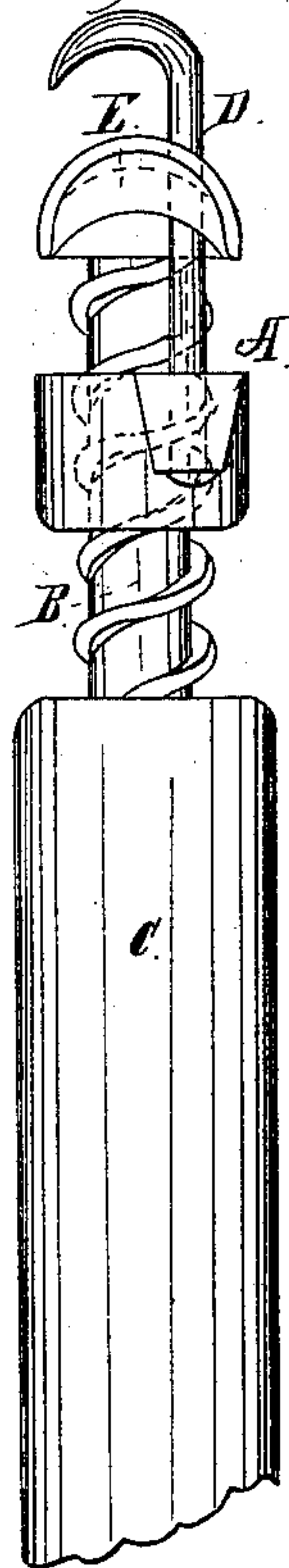


*L. H. Emmons,*  
*Moyn Holder.*  
*N<sup>o</sup> 78,444.      Patented June 2, 1868.*

*Fig. 1.*



*Fig. 2.*



*Witnesses:*  
*O. F. Mayhew*  
*Ezekiah Caldwell*

*Inventor:*  
*Lucius H. Emmons.*

# UNITED STATES PATENT OFFICE.

LUCIUS H. EMMONS, OF NOBLESVILLE, INDIANA.

## IMPROVED MOP-HEAD.

Specification forming part of Letters Patent No. 78,444, dated June 2, 1868.

*To all whom it may concern:*

Be it known that I, LUCIUS H. EMMONS, of Noblesville, in the county of Hamilton and State of Indiana, have invented new and useful Improvements in Mop-Heads; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

This invention relates to the mode of gripping or holding the cloth in mop-heads, whereby it is more readily and conveniently attached to the head without requiring to be handled by the operator.

The novelty consists in furnishing the head with hooks, and arranging the clamp in such relation thereto as that the mop-cloth may be gripped and held firmly by simply turning the handle, without the necessity of stooping or handling the cloth.

Figure 1 is a side view of the mop-head. Fig. 2 is an end view of the same.

Similar letters of reference indicate the same parts in the several figures.

The following description will enable skilled artisans to make and use my invention.

A is a piece of cast-iron, constituting part of the mop-head, and having the central portion somewhat enlarged to form a nut for the purpose of making therein a female screw, through which the male screw B on the lower

end of the handle C passes. The piece A is also furnished with hooks D, securely fixed therein, as shown. Another piece of cast-iron, E, having its lower side rounded to conform to the curve of the hooks, is attached to the lower end of screw B in such manner as to allow the screw and handle to revolve freely, and at the same time so as to carry the piece E back and forth as the screw may be turned in piece A. The hooks D pass through piece E near one edge, and the rounded face of piece E is notched or recessed to receive the curved ends of the hooks.

By this form and arrangement of the hooks D and piece E, I am enabled to gripe the mop-cloth and securely hold it between the hooks D and piece E by simply turning the handle so as to move the piece E toward the hooks. I can also release it by the reverse movement, without having to stoop or handle the cloth.

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

The piece A, furnished with the hooks D, and the piece E, arranged in relation thereto, and operated by means of the screw B, substantially as and for the purpose set forth.

LUCIUS H. EMMONS.

Witnesses:

O. F. MAYHEW,  
HEZEKIAH CALDWELL.