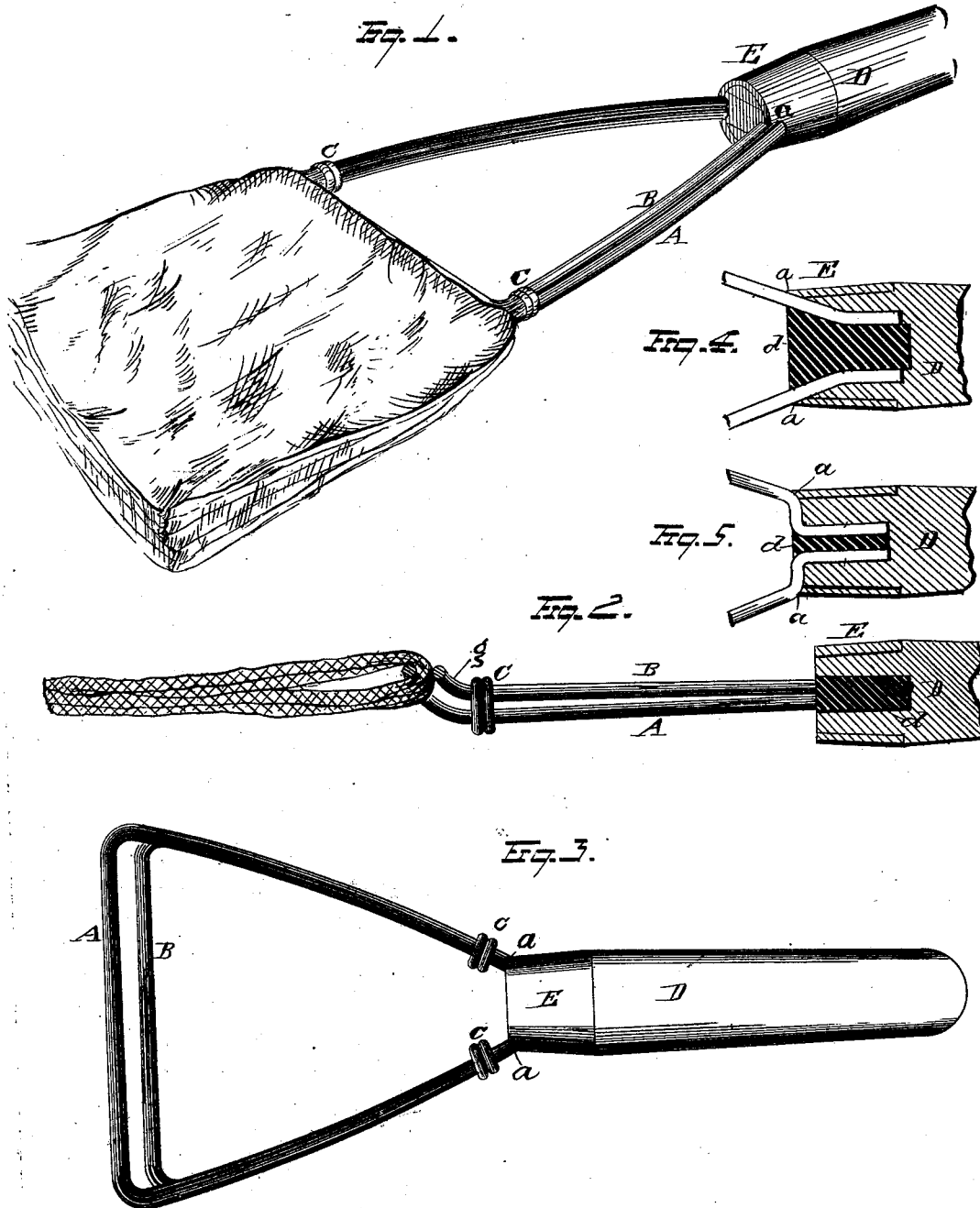


L. F. BROOKS.  
Mop-Head.

No. 205,831.

Patented July 9, 1878.



WITNESSES  
E. J. Nottingham  
A. W. Brigh

INVENTOR  
L. F. Brooks.  
By Dequetteville  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

LUMAN F. BROOKS, OF LEBANON, NEW HAMPSHIRE, ASSIGNOR TO ORVIS  
J. RICHARDSON, OF SAME PLACE.

## IMPROVEMENT IN MOP-HEADS.

Specification forming part of Letters Patent No. 205,831, dated July 9, 1878; application filed  
May 7, 1878.

*To all whom it may concern:*

Be it known that I, LUMAN F. BROOKS, of Lebanon, in the county of Grafton and State of New Hampshire, have invented certain new and useful Improvements in Mop-Heads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to certain improvements in that class of mop-heads which are formed with two spring-wire jaws adapted to be adjusted by sliding clamps.

It consists in making the two jaws of different lengths, and with their outer ends bent, so that their respective end pieces will lie in approximately the same horizontal plane when the mop is secured between said jaws.

In the drawings, Figure 1 is a view in perspective of a mop-head made according to my invention, as applied in use. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a plan view of the mop-head without a mop connected therewith. Fig. 4 is a detail sectional view, showing one manner of securing the spring-jaws within the mop-handle. Fig. 5 is a similar view, showing a different manner of securing the same. The two spring-wire jaws A and B are provided with the sliding clamps C, which latter, though preferably made of wire, may be of other material and form suitable to accomplish the same purpose. These jaws are secured in the mop-handle D

by means of the metallic ferrule E, formed with open end slots *a*, through which latter the jaws pass, and a suitable wedge, *d*, which is driven into the end of the handle. The free ends of the jaws A and B are upturned, and as the jaw A is of greater length than that of B the cross-bars will be located in the same horizontal plane when the mop is clamped between them. By turning the jaws upward at their ends there is formed on each side of the jaw B an incline, *g*, against the face of which engage the sliding clamps C as the jaws are clamped together. Hence, it will be observed that when the mop is secured in place, and the sliding clamp forced snugly against the inclined faces *g* of the jaw B, the end cross-bar of the latter will be forced down on or below a horizontal line extending through the end cross-bar on the opposite jaw A, and thus operate to firmly secure the mop in place.

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

A mop-head provided with two spring-jaws of different lengths, each of which has its outer end bent, so that the end pieces will lie in practically the same horizontal plane when the mop is secured between said jaws, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of April, 1878.

LUMAN F. BROOKS.

Witnesses:

GEO. E. DURANT,  
EDWARD J. DURANT.