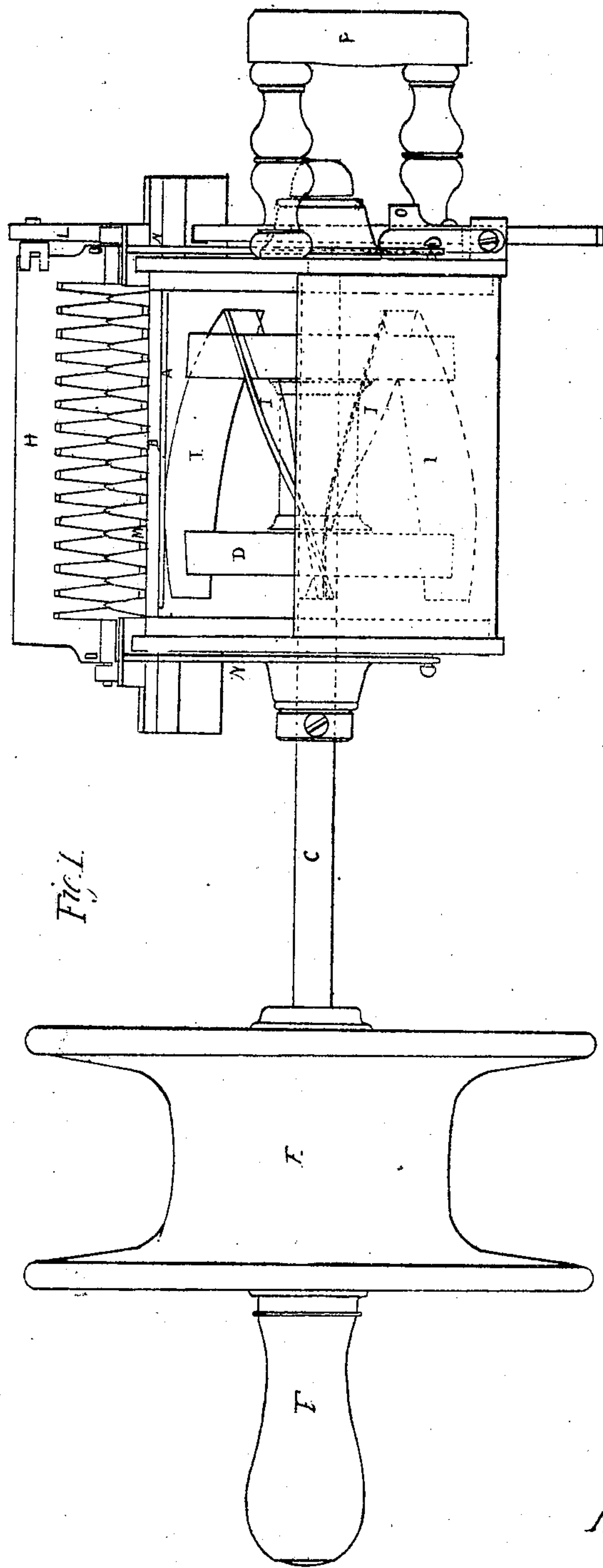


Maynard & Purkiss.

Cutting Hair.

N^o 72214

Patented Dec. 17, 1867.



Witnesses:

Wm. Reed Sol Cambridge
36 New Street Cambridge
Turner Clerk to the said Wm Reed

Inventor.

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John James Purkiss

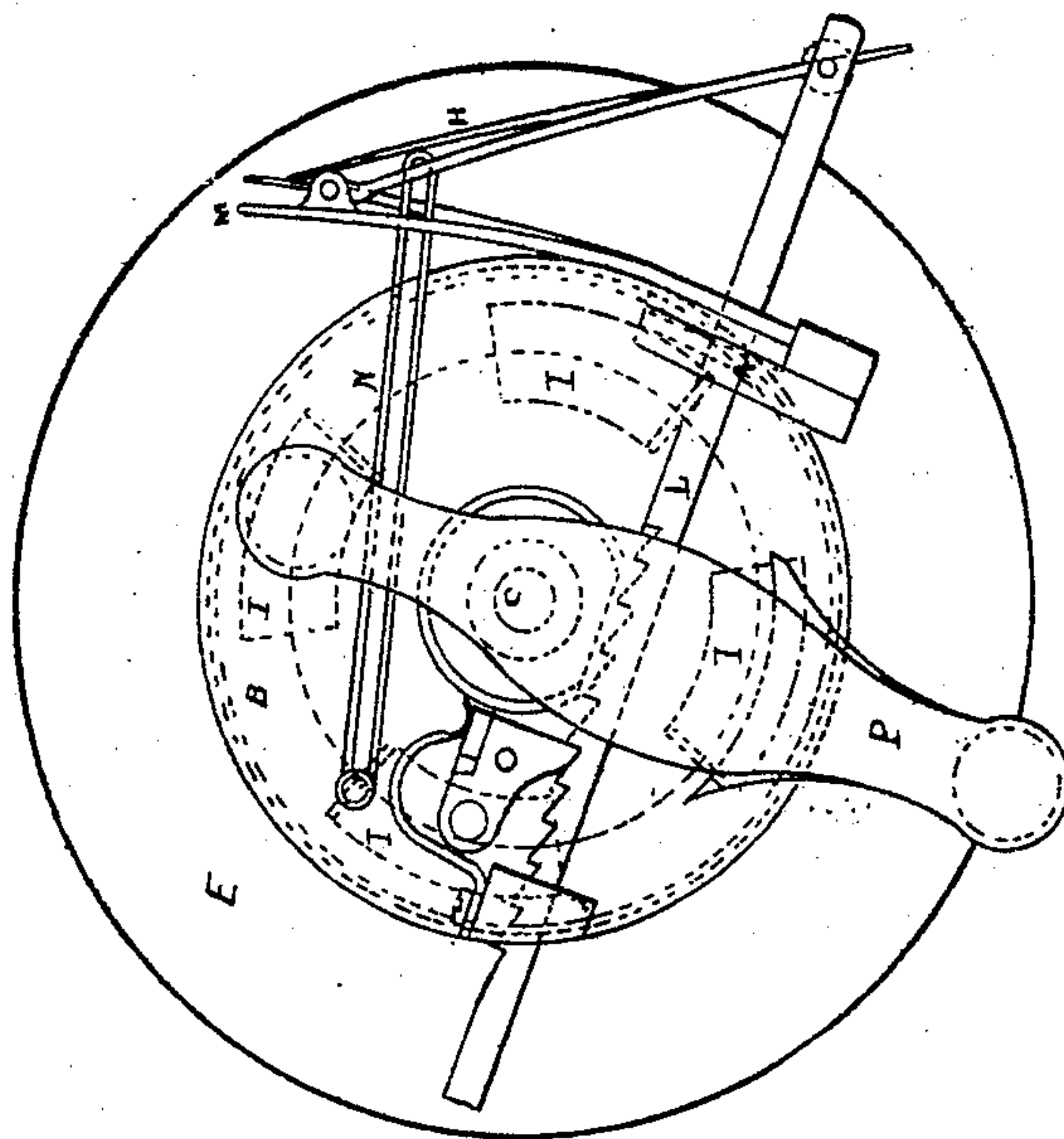
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FIG 2



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John James Purkiss

United States Patent Office.

ROBERT MAYNARD, OF WHITTLESFORD, CAMBRIDGE, AND JABEZ JAMES PURKISS, OF LONDON, GREAT BRITAIN.

Letters Patent No. 72,214, dated December 17, 1867.

IMPROVEMENT IN HAIR-CUTTING MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, ROBERT MAYNARD, of Whittlesford, Cambridge, and JABEZ JAMES PURKISS, of London, both in the Kingdom of Great Britain, have invented a new and useful "Hair-Cutting Apparatus;" and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The said invention consists—

First, in the use of a revolving knife or number of knives or cutters for the purpose of cutting the human hair, or for shearing horses. The said knives are secured on a drum, and act against a fixed knife or blade, which is held to the part of the hair to be operated upon. The hair is drawn between the revolving knife or knives and the fixed knife, and is thereby cut to the length required.

Second, in the use of a comb or pair of combs to hold the hair in a suitable position for the knives to act upon it.

Third, in providing the combs with means of adjustment to regulate the length to which the hair is cut.

Description of the Drawings.

Figure 1 is a side view of our hair-cutting apparatus.

Figure 2 is an end view of the same.

Like letters indicate the same parts in each of the figures.

A is the fixed knife, which is secured to the frame B. The latter supports the spindle C, which carries the drum D and the pulley E. The said spindle is continued through the handle F, and is fitted to turn in the same. The drum D carries one or more spiral knives I, which, by the revolutions of the spindle, are brought into contact with the fixed knife, and cut the hair which lies between them. The drum is caused to revolve by an elastic strap passing over the pulley E. H is a comb, which is adjusted by the rack L to any desirable distance from the knives, to regulate the length to which the hair is cut. The inner comb M serves to hold the hair properly between the fixed and revolving knives. N are elastic cords or springs, for drawing the comb H inward, and O is a pawl or catch for holding the rack L against the pressure of the springs N. Instead of using a movable comb, as described, a number of teeth, forming a comb, may be attached to the fixed knife A, or a comb may be attached in any convenient way for holding the hair while the same is being cut. While being used, the apparatus is held by the handles F and P. The hair is drawn by the combs between the knives, and is rapidly cut to any desired length.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The employment of one or more revolving knives I, in combination with a fixed knife, A, for the purpose specified.
2. The employment, in combination with the knives A I, of the comb M, for the purpose specified.
3. The employment of the inner comb M, in combination with the outer comb H, the latter of which is made adjustable for the purpose specified.
4. Adjusting the comb H by means of the rack L, springs N, and pawl O, or equivalent devices.

ROBERT MAYNARD,
JABEZ JAMES PURKISS.

Witnesses:

WM. PEED, *Solicitor, Cambridge.*

C. TURNER, *36 Green Street, Cambridge, Clerk to the said William Peed.*