

G. K. Winchester.
Braiding Mach.

Nº 63,194.

Patented Mar. 26, 1867.

Fig. 2.

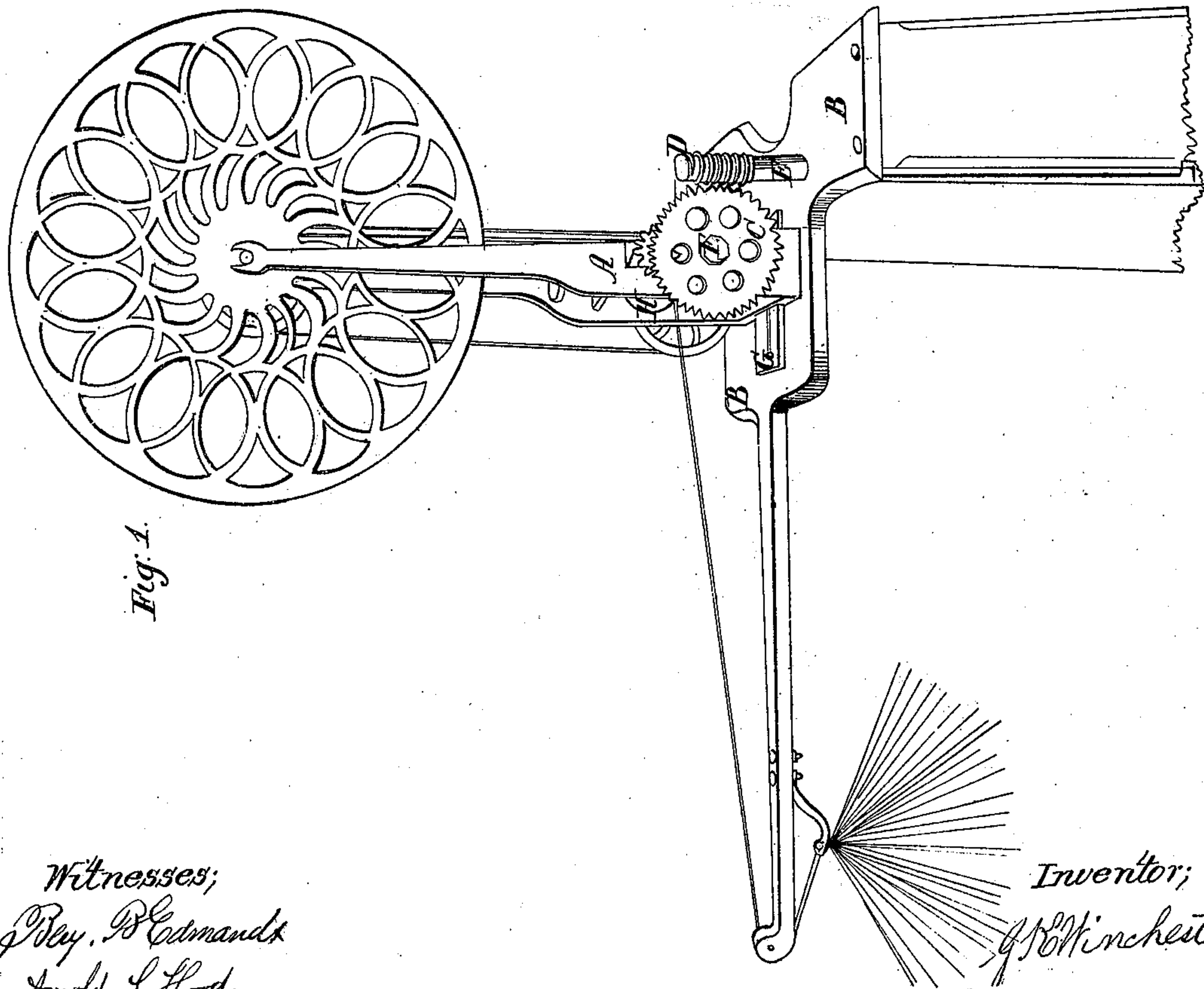
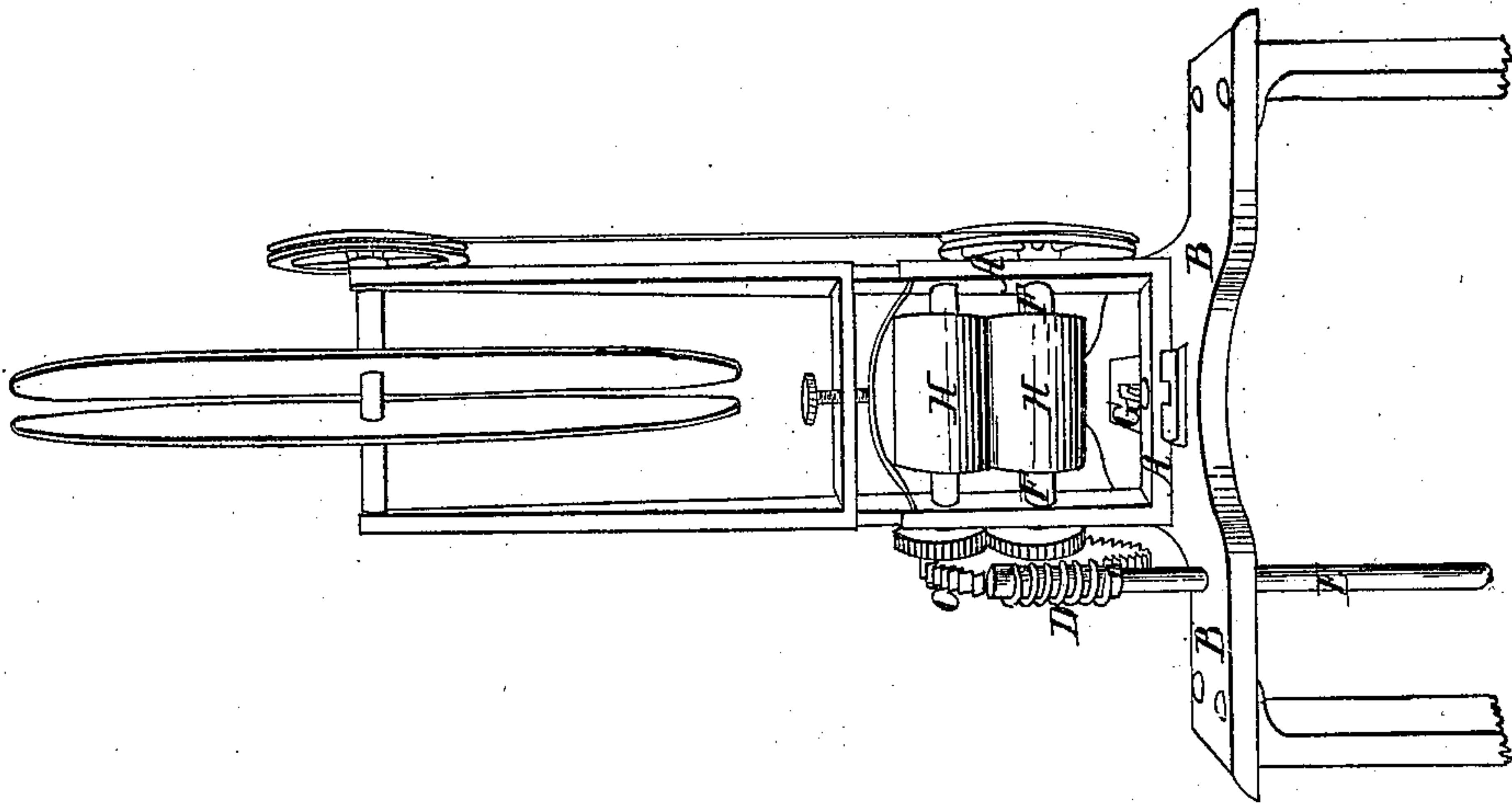


Fig. 1.

Witnesses;
Wm. B. Edmunds
Amold S. Hood

Inventor;
G. K. Winchester

United States Patent Office.

GILMAN K. WINCHESTER, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 63,194, dated March 26, 1867.

IMPROVEMENT IN TAKE-UP FOR BRAIDING MACHINES.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GILMAN K. WINCHESTER, of Providence, in the county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Braiding Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, making a part of this specification, in which—

Figure 1 is a perspective side view; and

Figure 2 an end view of my improvements.

The nature of my invention consists in constructing the feed-stand of braiding machines in such a manner as to be readily moved forwards or backwards, thereby allowing a change of worm-wheel to regulate the feed or take-up motion.

To enable those skilled in the art to make and use my invention, I proceed to describe its construction.

A represents the roll or feed-stand; B the horizontal arm or base which supports the feed-stand; C represents the worm-wheel upon the feed-roll shaft F, gearing into worm D at the top of shaft E, driven by the gears of braiding machine below. The wheel C is removed when it is desired to vary the take-up, and one of suitable size put in its place. G represents a raised guide with slot, through which passes a bolt which is provided with a nut underneath the horizontal arm B, and by which the feed-stand A is secured when in its proper place. H represents the feed-rolls for taking up or delivering the braid to a suitable reel on which it is wound. These rolls may be double and corrugated, or single, with points or pins projecting from their surface.

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

An adjustable feed or take-up stand, so constructed as to be readily moved forward and backward to allow a larger or smaller worm-wheel to be placed upon the feed-roll shaft to connect with the worm upon the worm-shaft, as and for the purpose set forth.

GILMAN K. WINCHESTER.

Witnesses:

BENJ. B. EDMUNDS,

ARNOLD S. HOOD.