H. C. Snow.

Trimming Wall Paper.

No. 62,698. Patented Mar. 5. 1867.

Fig. 2.

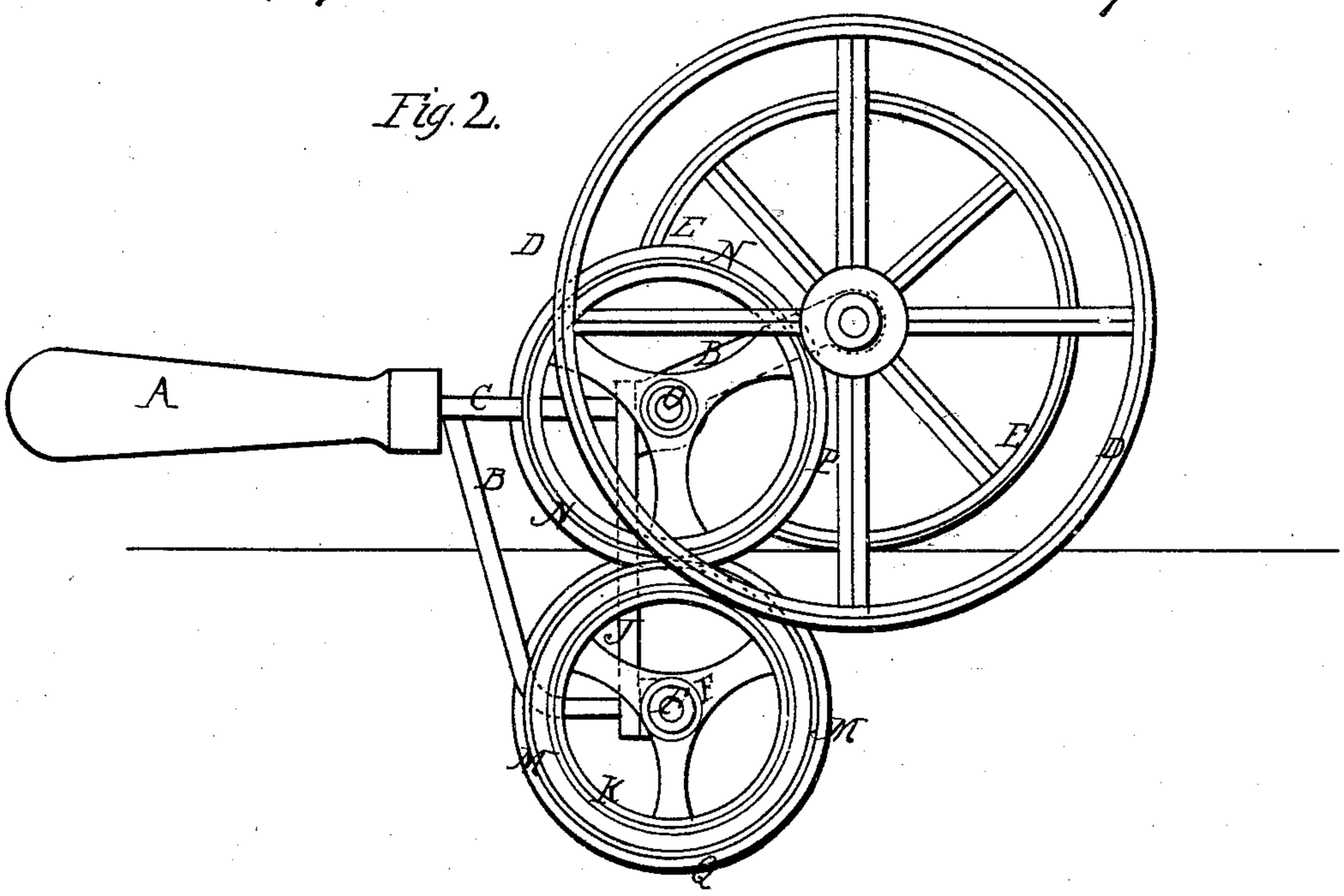
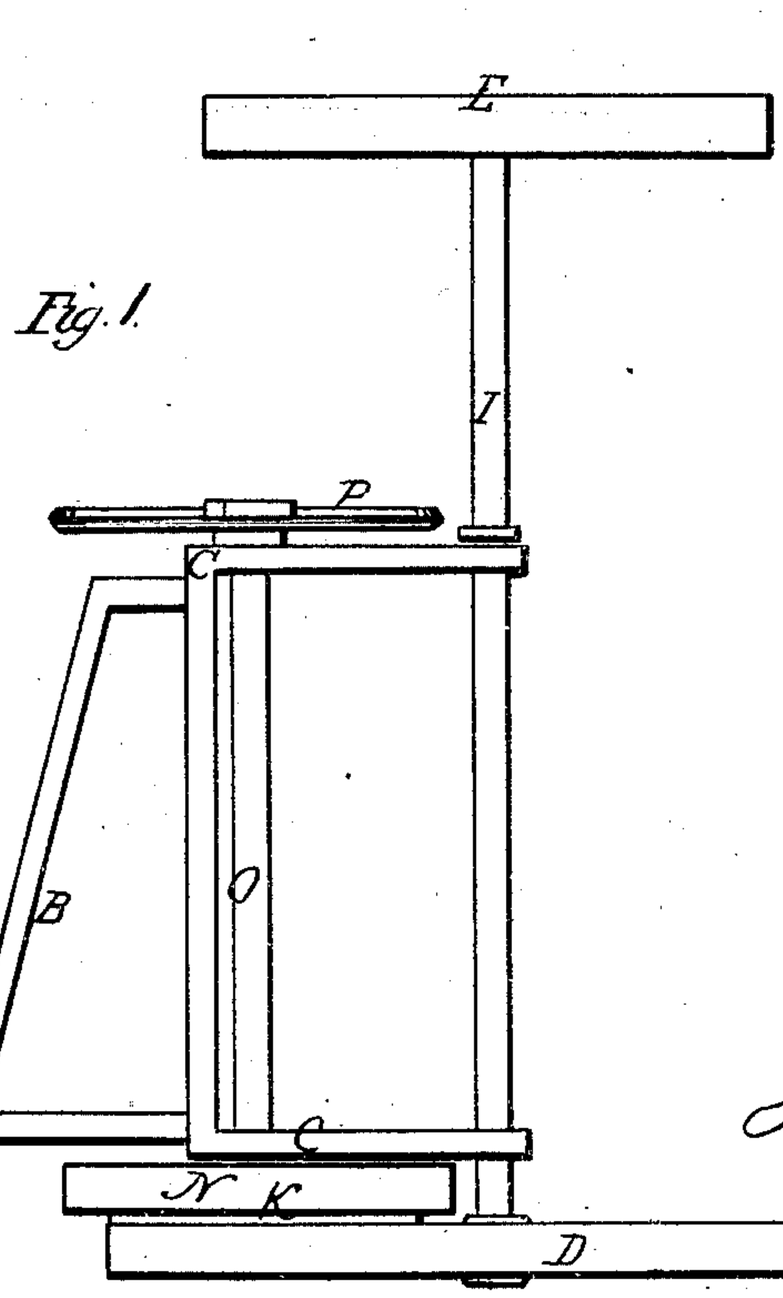


Fig. 1.



Witnesses:
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United States Patent Office.

HENRY C. SNOW, OF PRINCETON, ILLINOIS, ASSIGNOR TO HIMSELF AND C. C. LATTIMER, OF SAME PLACE.

Letters Patent No. 62,698, *dated March* 5, 1867.

IMPROVEMENT IN CUTTERS FOR TRIMMING WALL PAPER.

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, HENRY C. SNOW, of Princeton, in the county of Bureau, and State of Illinois, have invented a new and improved "Cutter for Trimming Wall Paper," &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a new and useful cutter or implement for the trimming of wall paper and border strips, more especially, although it can be used for other and various purposes, whereby wall paper, &c., can be trimmed with the utmost facility, accuracy, ease, and rapidity, as will be obvious from the following detail description thereof, reference being had to the accompanying plate of drawings, in which—

Figure 1 is a plan or top view of the cutter or implement; and

Figure 2, an elevation of the front end of the same.

Similar letters of reference indicate like parts.

A, in the drawings, represents the handle of the implement or cutter embraced in the present invention, which handle is secured to a frame, B, hung by its parallel side-pieces C to a shaft, I, having wheels D and E respectively hung to each of its ends, one, D, of which wheels is considerably larger in diameter than the other, E, but are both covered with a rubber tire or ring. F, a shaft, hung in a parallel line to the shaft I, hereinbefore referred to, but below and a little to one side of the same, which shaft, at each end, turns in bearings of the under parallel projecting arms J, of the handle-frame B, and is provided with a pulley or wheel, K, having a rubber tire or periphery running in contact with the under side of the larger wheel D. Against the upper side of the raised portion M of the pulley K, inside of the wheel D, bears or runs a pulley, N, having a rubber tire, which pulley N is secured to one end of a horizontal shaft, O, turning at each end in bearings of the side-pieces of the handle-frame B. This shaft O is provided with a circular-shaped cutting-wheel, or blade or knife, P, that, in connection with a similar cutting-wheel, Q, upon the corresponding end of the shaft F, are arranged to run with regard to each other in such manner as to cut paper, or other sheet material, in a similar way to the ordinary and common shears or scissors. By the construction and arrangement of the various parts composing my improved cutter or implement as hereinabove explained, it is obvious that, if the said cutter or implement is taken by its handle A, and run over a table or other surface, with its wheel E in contact with the same, a revolution of the cutter-wheels P and Q will be produced, and thus, if a sheet of paper or other sheet material is placed in proper position for them to act upon it, such paper must be cut thereby in a line or direction according to that in which the said wheel is run over it, which, as the said cutter-wheels and travelling-wheel E revolve in parallel planes, is a line parallel to the movement or travel of the said wheel E.

To use my improved cutter or implement in connection with the trimming of wall paper, or paper borders for rooms, the roll of paper to be trimmed is first unrolled upon a table, with its edge or side that is to be trimmed projecting over the table edge, when, taking the implement by its handle A in one hand, and resting it by its wheel E upon the table, with the wheel C over and beyond the table edge, and the end of the paper between the cutter-wheels P and Q, by then running the implement over such paper with sufficient pressure, and at the same time drawing and rolling up the paper as the wheel D runs over it, the paper will be cut by the said cutters along its length, and in a line parallel to the direction in which the travelling-wheel moves over it, whereby, as is obvious, if the said wheel be properly guided, an even, accurate, and perfect trimming of the paper can be produced, and in a quicker, more expeditious, and effective manner than with the use of an ordinary pair of scissors, shears, or any other of the common cutting implements. By providing the travelling-wheel with a rubber tire, as explained, a greater friction is produced between it and the surface of the paper over which it is run, and, consequently, its revolution insured, and thus, through the similar frictional surfaces of the wheel and pulleys, forming the connection between it and the cutter-wheels, producing the proper revolution of such cutter-wheels to cut a sheet of paper, or other sheet material, placed in proper position for them to act upon it. Although the driving of the cutter-wheels is produced through the medium of the travelling-wheel by means of an arrangement of friction-wheels and pulleys connected with such travelling-wheel, it is obvious that, in lieu of said frictional wheels and pulleys, gear or toothed wheels may be used; but I deem the form described to be

the most efficient, desirable, and advantageous, and in practice intend to so construct or connect the same; but, however, I wish it to be distinctly understood that I do not limit myself to either one or the other mode.

I claim as new, and desire to secure by Letters Patent—

An implement or cutter for the trimming of wall or other paper or sheet material, constructed, arranged, and operated substantially as herein described.

HENRY C. SNOW.

Witnesses:

S. J. LINDBERG,

JOHN VAUGHAN.