

(No Model.)

J. T. WYE.  
CARPET BEATER.

No. 592,267.

Patented Oct. 26, 1897.

Fig. 1.

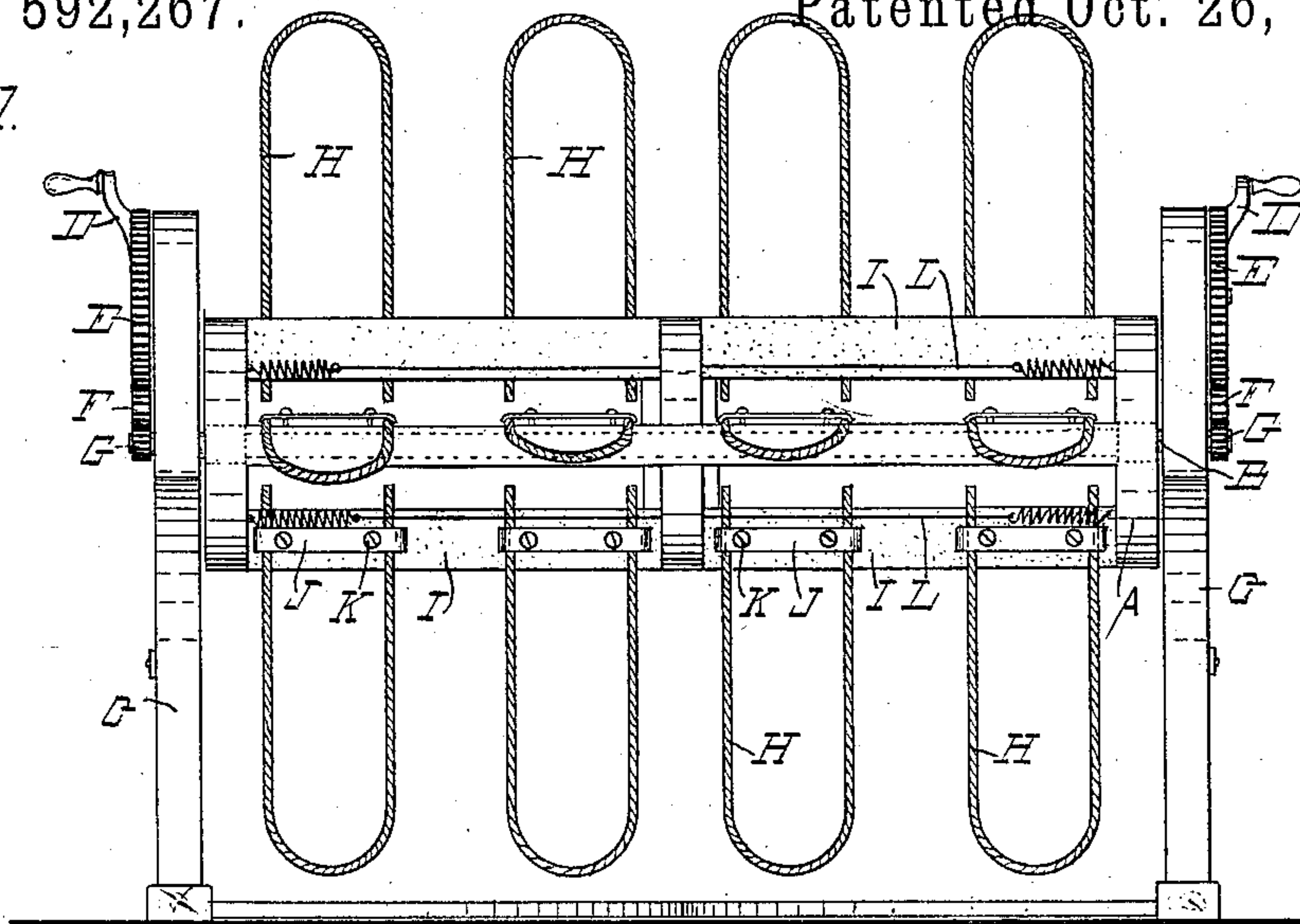
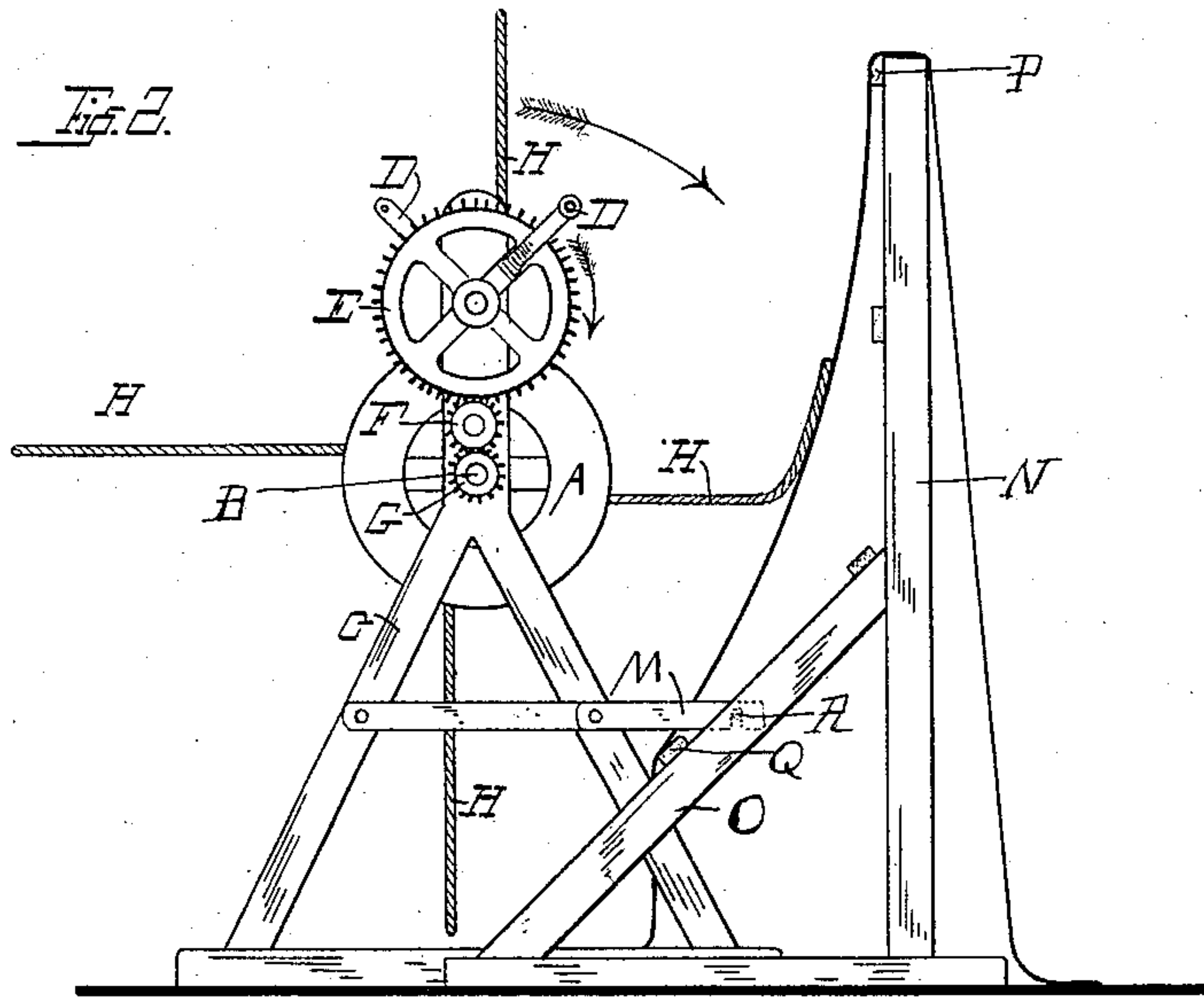


Fig. 2.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

JOHN THOMAS WYE, OF SHEBOYGAN, WISCONSIN.

## CARPET-BEATER.

SPECIFICATION forming part of Letters Patent No. 592,267, dated October 26, 1897.

Application filed December 24, 1896. Serial No. 616,953. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN THOMAS WYE, a citizen of the United States, residing at Sheboygan, in the county of Sheboygan and State of Wisconsin, have invented new and useful Improvements in Carpet-Beaters, of which the following is a specification.

My invention relates to improvements in carpet-beaters.

10 The object of my invention is to provide mechanism for rapidly and easily performing the labor, which will not tear or otherwise injure the carpet.

15 In the following description reference is had to the accompanying drawings, in which—

Figure 1 is a front elevation of my improved carpet-beater. Fig. 2 is an end view of the same, showing also a carpet-supporting rack, which is omitted from Fig. 1 in order that the whipping-machine may be more clearly exhibited.

Like parts are identified by the same reference-letters in both views.

25 A cylindrical rotary frame A is supported by a shaft B between the upright standards C, and motion is communicated to the shaft and frame through the manually-actuated cranks D and gear-wheels E, F, and G. Ropes H are secured to the bars I of the frame A by means of clamping-irons J and set-screws K and are preferably so secured at each end to form loops, as shown in the drawings; but, if desired, a shorter rope may be used, secured at one end only. L are wires strung in the space between the bars I and coiled near each end to render them elastic. The object of these wires is to prevent the ropes from dropping between and becoming entangled in the bars of the frame, and by their reaction, when struck, they throw the ropes outwardly to the striking position, where they tend to remain by reason of the centrifugal force. I

have also provided a rack N, having forwardly-slanting braces O, as shown in Fig. 2. The rack is provided with cross-bars P and Q, from which the carpet is hung, the cross-bar Q being adapted to hold that portion of the carpet which is struck by the ropes away from the rack. Hooks M, pivotally attached to the standards C, are adapted to engage laterally-projecting pins R on the rack to prevent the latter from being driven backwardly by the force of the whipping-ropes. By turning the cranks the cylinder-frame is made to revolve, thus causing the ropes to beat upon that portion of the carpet which is interposed in their path. The carpet is, of course, adjusted upon the rack at intervals in order to expose an unwhipped portion to the action of the ropes.

It will be observed that the cylinder-frame can be geared up to any desired speed, and that, if desired, the machine may be operated by mechanical power as well as by hand.

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

A carpet-beater, comprising the standards, a cylinder-frame supported thereby, the beating-ropes arranged in loops and removably clamped to the cylinder-frame, wires arranged in the openings of the cylinder-frame and provided with coils for imparting elasticity thereto, and a manually-actuated crank with suitable gearing, adapted to communicate a rapid movement to said frame, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

JOHN THOMAS WYE.

Witnesses:

SAMUEL SPENCER,  
JOHN T. SPENCER.