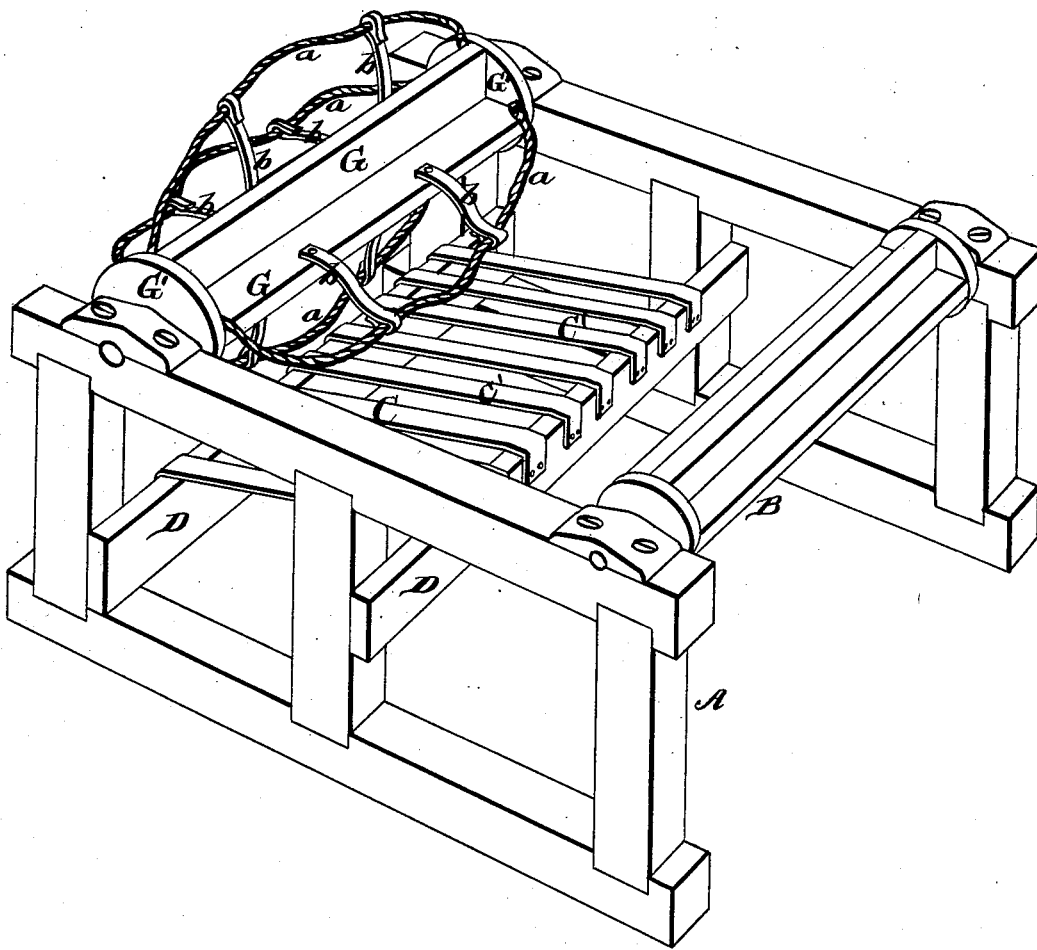


F. C. WALKER.
Carpet-Cleaner.

No. 199,880.

Patented Jan. 29, 1878.

Fig. 1.



WITNESSES

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UNITED STATES PATENT OFFICE.

FREEMAN C. WALKER, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN CARPET-CLEANERS.

Specification forming part of Letters Patent No. **199,880**, dated January 29, 1878; application filed April 14, 1877.

To all whom it may concern:

Be it known that I, FREEMAN C. WALKER, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and valuable Improvement in Machines for Cleaning Carpets; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of my machine for cleaning carpets, shown in perspective.

The nature of my invention consists in the construction and arrangement of a machine for cleaning carpets, as will be hereinafter more fully set forth.

In the annexed drawing, which fully illustrates my invention, A represents the frame of my machine, constructed in any suitable manner to receive the working parts of the machine. At one end of the frame A, and transversely across the same, is mounted a roller, B, upon which the carpet to be cleaned is rolled. From this roller the carpet is passed over a platform, C, consisting of a series of elastic bands, C' C', attached to two horizontal cross-bars, D D, in the frame, as shown. This platform is made inclined, so that the carpet will pass downward and forward as it is fed by the combined beating and feeding mechanism hereinafter described. Above the lower front part of the elastic or flexible platform is mounted a roller, composed of four radial wings, G, connected at their ends by disks G'. To this roller the power is to be applied by means of a belt connecting the power with a

pulley on the projecting journal of the roller, or in any other suitable manner.

a a represent strong, stout cords, which are attached at the ends of the wings of the roller G G', and are further connected to said wings by intermediate flexible straps *b b* of suitable length, as shown.

When the roller G G' is rotated, the straps *b* and cords *a* are thrown outward by centrifugal force, and come down upon and beat the carpet as it passes over the flexible platform. The cords, also, by the rapid revolution of the roller, feed the carpet forward at proper speed, which is regulated by the speed of the roller. It will readily be seen that the beating-cords operate upon all parts of the carpet, and, by the flexible platform supporting the carpet, it will give or yield sufficiently to prevent any injury to the carpet.

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

In a carpet-cleaner, the combination of the roll B on which the carpet to be cleaned is wound, the inclined flexible platform C, and a beating-roller provided with radial straps *b*, connected by longitudinal cords *a*, substantially as shown and set forth, whereby the carpet is fed by means of the inclined platform and beater without the aid of auxiliary mechanism.

In testimony that I claim the above I have hereunto subscribed my name in the presence of three witnesses.

FREEMAN C. WALKER.

Witnesses:

GEORGE H. RYMAN,
WILLIAM W. PRINDLE,
CHARLES OTT.