

G. S. BEEKMAN.
Fly-Brush Attachment.

No. 160,141.

Patented Feb. 23, 1875.

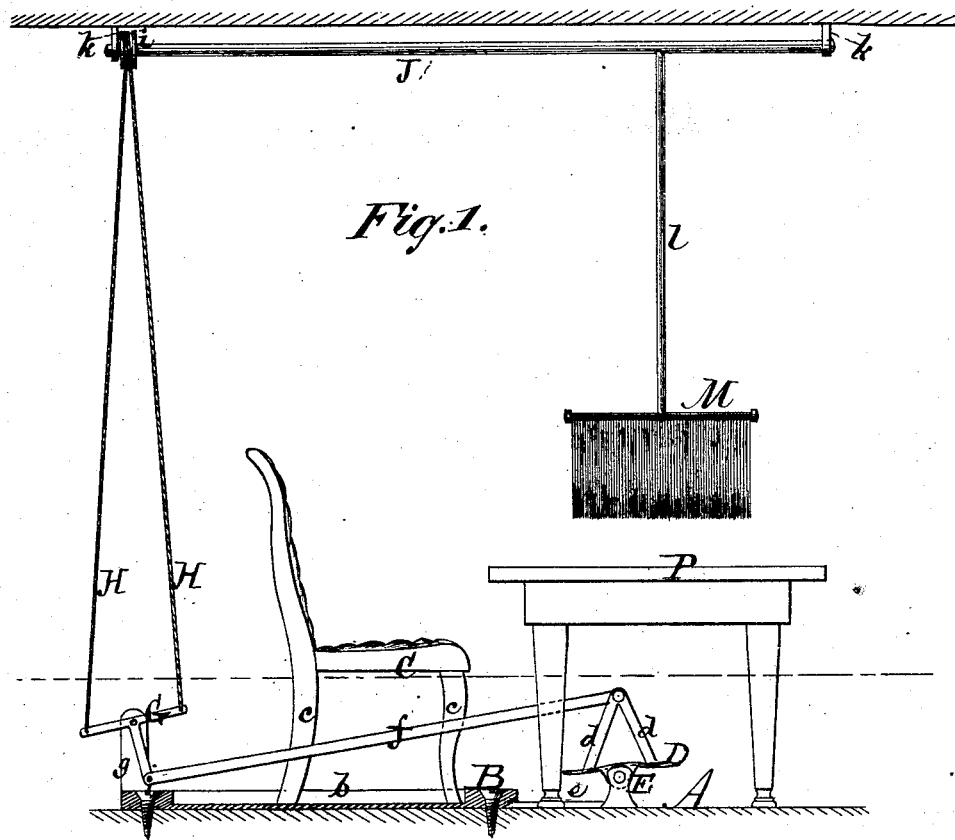
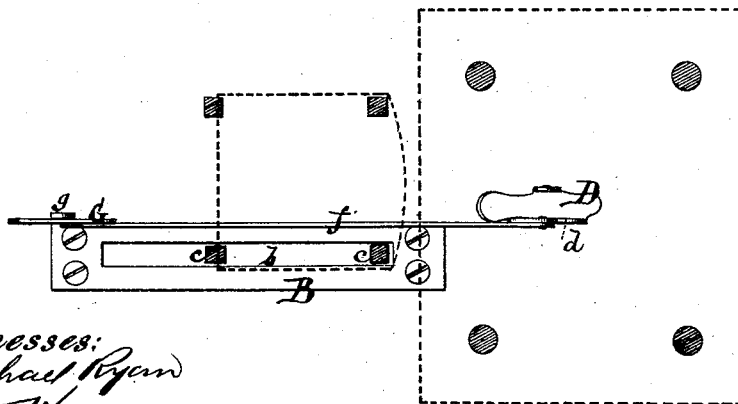


Fig. 1.

Fig. 2.



Witnesses:
Michael Ryan
Fred Harnes

G. S. Beekman
by his Attorneys
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UNITED STATES PATENT OFFICE.

GEORGE S. BEEKMAN, OF TALLULA, ILLINOIS.

IMPROVEMENT IN FLY-BRUSH ATTACHMENTS.

Specification forming part of Letters Patent No. **160,141**, dated February 23, 1875; application filed July 30, 1874.

To all whom it may concern:

Be it known that I, GEORGE S. BEEKMAN, of Tallula, in the county of Menard and State of Illinois, have invented an Improvement in Fly-Brushes, of which the following is a specification:

My invention relates to an apparatus to be applied to dining or other tables; and it consists in the combination of a slotted or grooved base-board with a treadle, connecting-rod, oscillating lever, rock-shaft, and fly-brush, in the manner and for the purpose hereinafter particularly described.

In the accompanying drawing, Figure 1 is a side elevation of my improved apparatus. Fig. 2 is a horizontal section.

A represents the floor of the room in which the apparatus is used. On this floor rests a base-board, B, which has a longitudinal groove or slot, *b*, on its upper side extending for nearly its entire length, which groove or slot receives the two legs *c* on one side of a chair, C, as shown, so that the chair may slide back and forward therein. To the front end of the board B is attached a plate, *e*, carrying a standard, E, in which is pivoted a treadle, D, having a bar or bars, *d*, extending upward therefrom. The upper end of the bar *d* is connected, by a

rod, *f*, with an oscillating lever, G, pivoted to a standard, *g*, attached to the rear end of the board B. To the ends of the lever G are attached the ends of a cord or band, H, which passes over a pulley, *i*, on a rock-shaft, J, which has its bearings in hangers *k* attached to the ceiling of the room. At a suitable point on the rock-shaft J a rod, *l*, is attached thereto, at the lower end of which is a fly-brush or fan, M, arranged to work over the table P.

Motion is applied to the treadle D by the foot of the person seated in the chair C, and said motion is communicated, through the rod *f*, lever G, and cord or band H, to the rock-shaft J, giving a reciprocating motion to the fly-brush or fan M.

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

The combination of the board B, treadle D, connecting-rod *f*, lever G, cord or band H, rock-shaft J, and fan or fly-brush M, substantially as shown and described.

G. S. BEEKMAN.

Witnesses:

W. C. BATES,
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