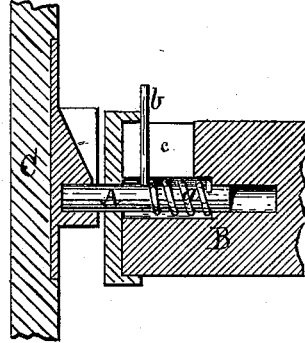
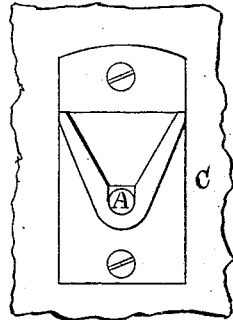


A. W. STEWART.  
CARPET-SWEEPER.

No. 186,894.

Patented Jan. 30, 1877.



Chas. F. Sleeper.  
J. C. Loney

Alexander W. Stewart  
by J. E. Maynard  
his atty.

# UNITED STATES PATENT OFFICE.

ALEXANDER W. STEWART, OF BOSTON, ASSIGNOR TO JOHN J. HALEY, OF  
NEWTON, AND HENRY C. MORSE, OF BOSTON, MASSACHUSETTS.

## IMPROVEMENT IN CARPET-SWEEPERS.

Specification forming part of Letters Patent No. 186,894, dated January 30, 1877; application filed  
June 27, 1874.

*To all whom it may concern:*

Be it known that I, ALEXANDER W. STEWART, of Boston, Massachusetts, have invented certain Improvements in Carpet-Sweepers, of which the following is a specification:

This invention relates to that class of carpet-sweepers in which the brush may be readily removed from the case for the purpose of clearing the bearings, which is the object of my improvements.

My invention consists in the combination, with the sweeper-frame and an axially perforated brush-shaft, of a spindle moving longitudinally within the brush-shaft, and operated by a spring for protruding the spindle, or a pin for retracting it.

In the drawing, A represents the spindle; B, the brush-shaft, and C the case, or the end board of the frame. The brush is driven by any suitable means, and revolves in bearings provided in, or attached to, the case C. The spindle may be, at one end of the shaft, of ordinary construction; but at the other end (shown in the drawing) it is adapted to move longitudinally within an axial perforation of the brush-shaft, so that it may be protruded to enter the bearing in the frame for use, or retracted to release it therefrom when it is desired to remove the brush from the case. As a means of protruding the spindle I place a

suitable spring, *a*, within the perforation of the shaft B before inserting the spindle therein. This insures such prominence to the projecting end of the spindle as shall keep it in proper engagement with its bearing in the frame C. The spindle may be conveniently retracted, in order to disengage it from its bearing, by means of the pin *b*, which projects through a slot in the brush-shaft, and by which the spindle A may be moved to right or left independent of the spring *a*.

For convenience in inserting the brush the case may be provided with guides, serving to direct the spindle into its proper bearing.

The sweeper is furnished with a dust-pan at each side of the brush, and with driving-wheels, cover, and handle, in the usual manner.

I claim as my invention—

In combination with the frame of a carpet-sweeper and the brush-shaft the spindle A, adapted to move longitudinally in an axial perforation of the brush-shaft, and operated by the spring *a* or the pin *b*, substantially as and for the purpose set forth.

ALEXR. W. STEWART.

Witnesses:

J. E. KNOX,  
J. E. MAYNADIER.