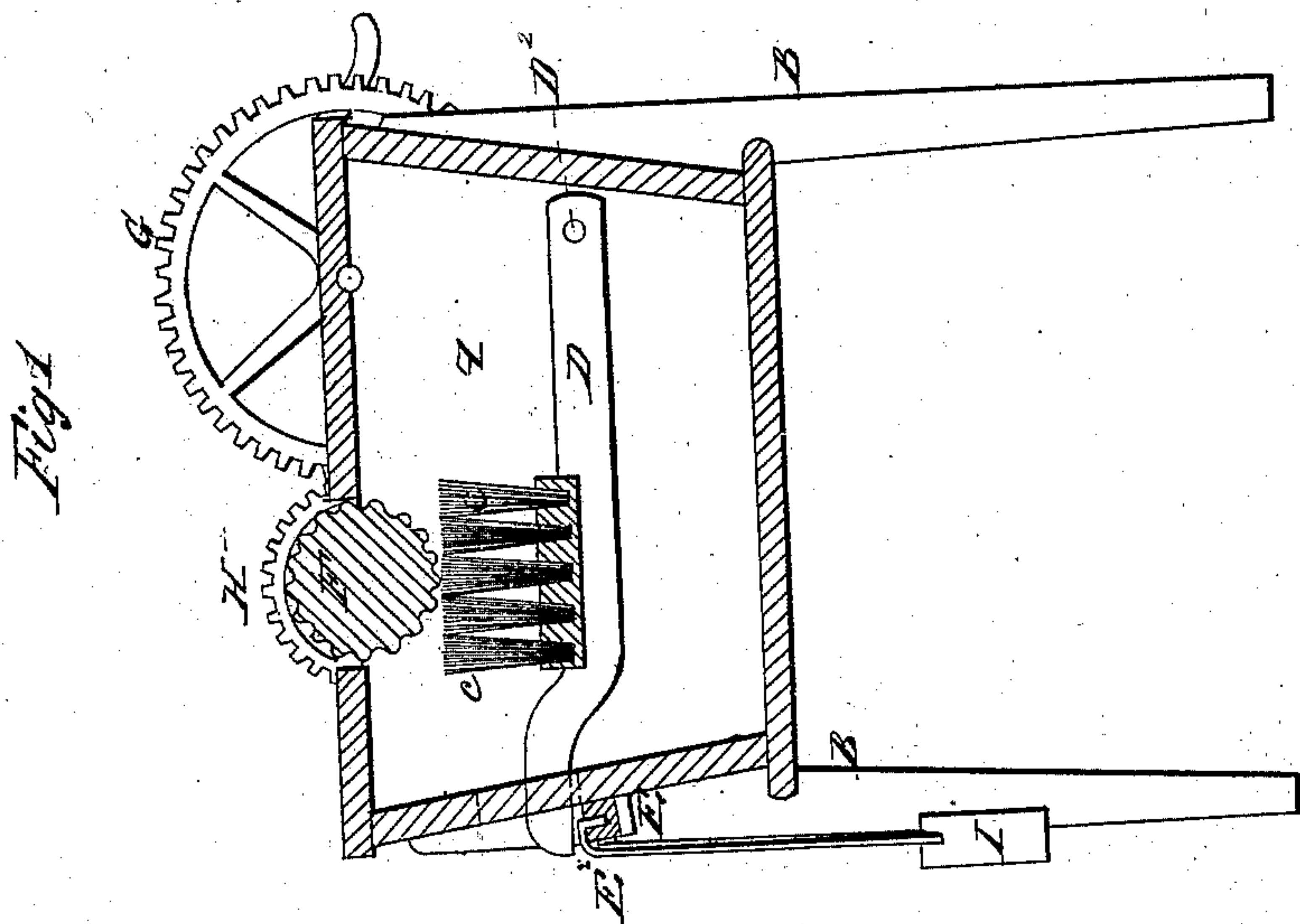
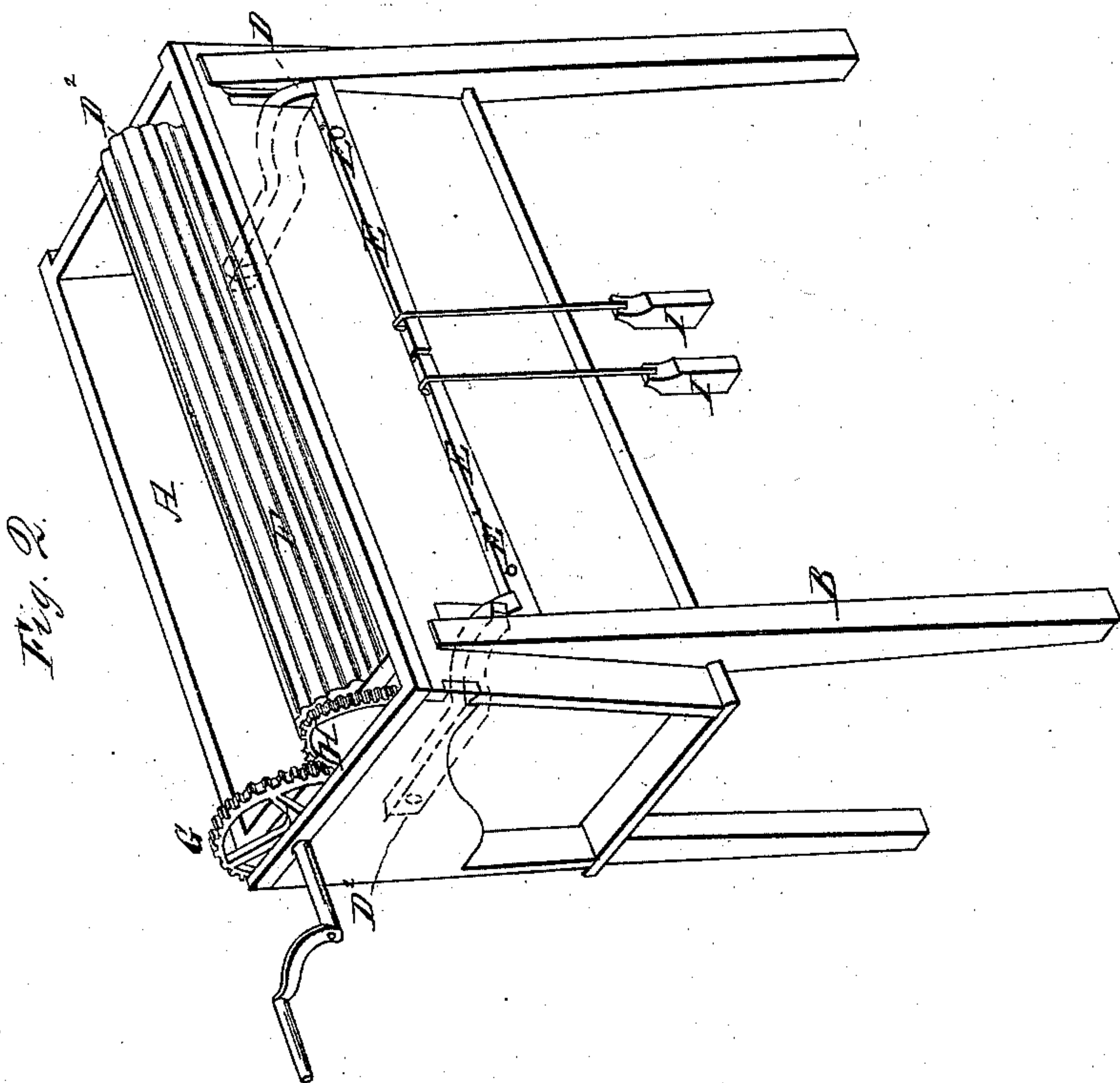


L. Woodward,
Washing Machine,
N^o 3,520. Patented Apr. 4, 1844.



UNITED STATES PATENT OFFICE.

LEWIS WOODWARD, OF MEDFORD, NEW JERSEY.

WASHING-MACHINE.

Specification of Letters Patent No. 3,520, dated April 4, 1844.

To all whom it may concern:

Be it known that I, LEWIS WOODWARD, of Medford, Burlington county, State of New Jersey, have invented a new and useful Improvement in Machines for Washing Clothes, which is described as follows, reference being had to the annexed drawings of the same, making part of this specification.

Figure 1 vertical section of the machine.
10 Fig. 2 is a perspective view.

The wash tub or box A into which the water, soap and clothes are put and the legs or frame B for supporting the same are made in the usual manner.

15 The improvement consists in combining with the aforesaid box or tub a brush C resting upon weighted levers D, E or springs and a revolving fluted roller or rubber F placed above and upon said brush between which
20 the clothes to be cleansed are drawn back and forth by the turning of said roller which is effected by means of the cogged gearing G, H or a crank shaft applied directly to said roller F whose gudgeons turn in the sides of
25 the box.

The rising and falling brush C which may be of a rectangular, cylindrical or other

shape, rests upon the vibrating levers D one for each end of the brush whose fulcra are seen at D² the outer extremities of which levers rest upon 2 other levers E placed at right angles thereto outside the box whose fulcra is seen at E² to which last mentioned levers weights I are suspended for keeping the brush up against the roller F. 30 35

One person can operate with this machine—turning the roller or rubber alternately to the right and left with one hand and managing the clothes with the other hand which are drawn back and forth over the brush which takes the dirt from the clothes. The operation, however, is better performed with two persons—one to turn the roller and one to handle and manage the clothes.

What I claim as my invention and which I desire to secure by Letters Patent is— 45

Combining a revolving fluted roller with an adjustable flexible brush in the manner and for the purpose set forth.

LEWIS WOODWARD.

Witnesses:

WM. P. ELLIOT,
A. E. JOHNSON.