

No. 889,851.

PATENTED JUNE 2, 1908.

T. B. KAZANJIAN.
CLOTH FINISHING MACHINE.
APPLICATION FILED APR. 19, 1907.

Fig. 1

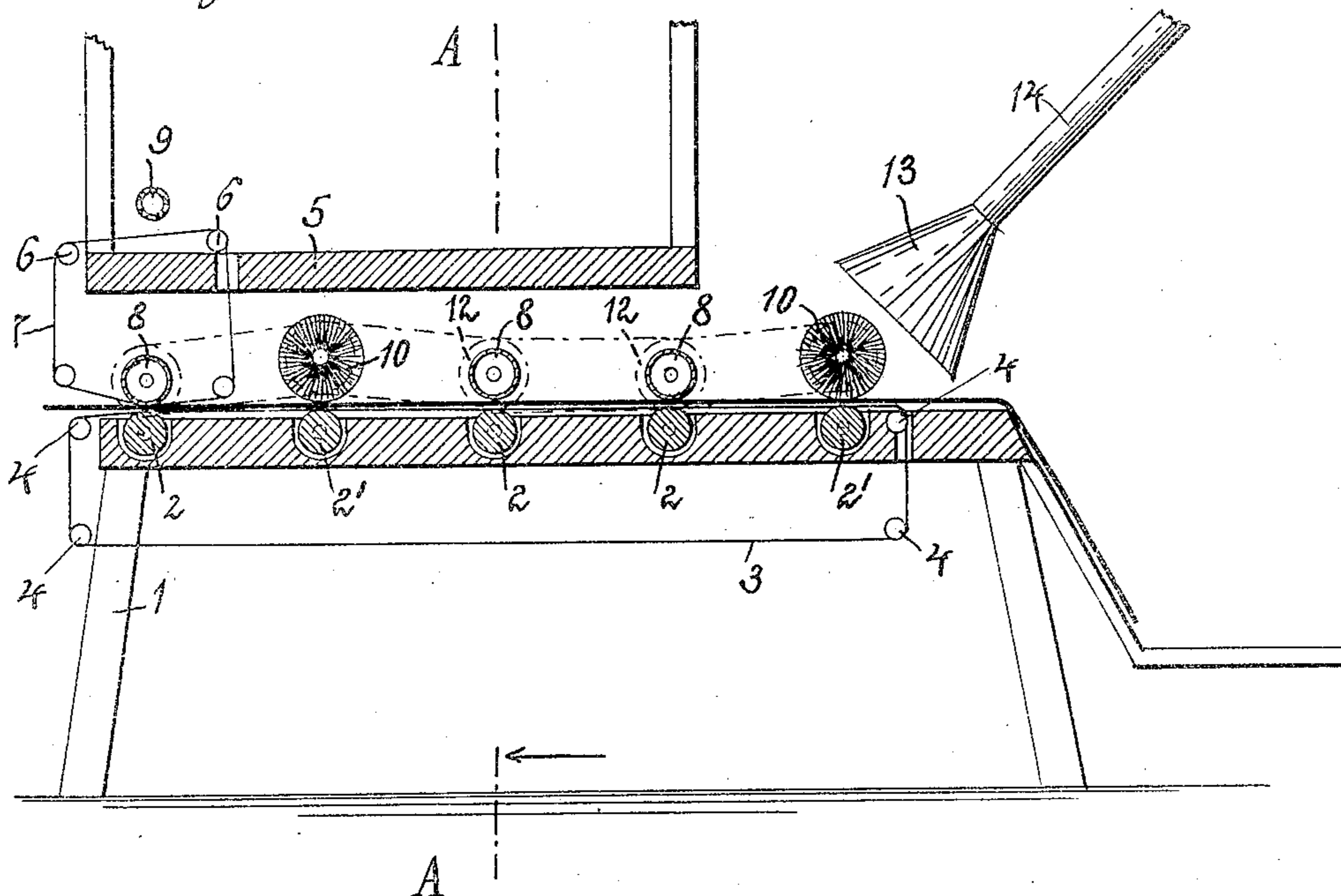
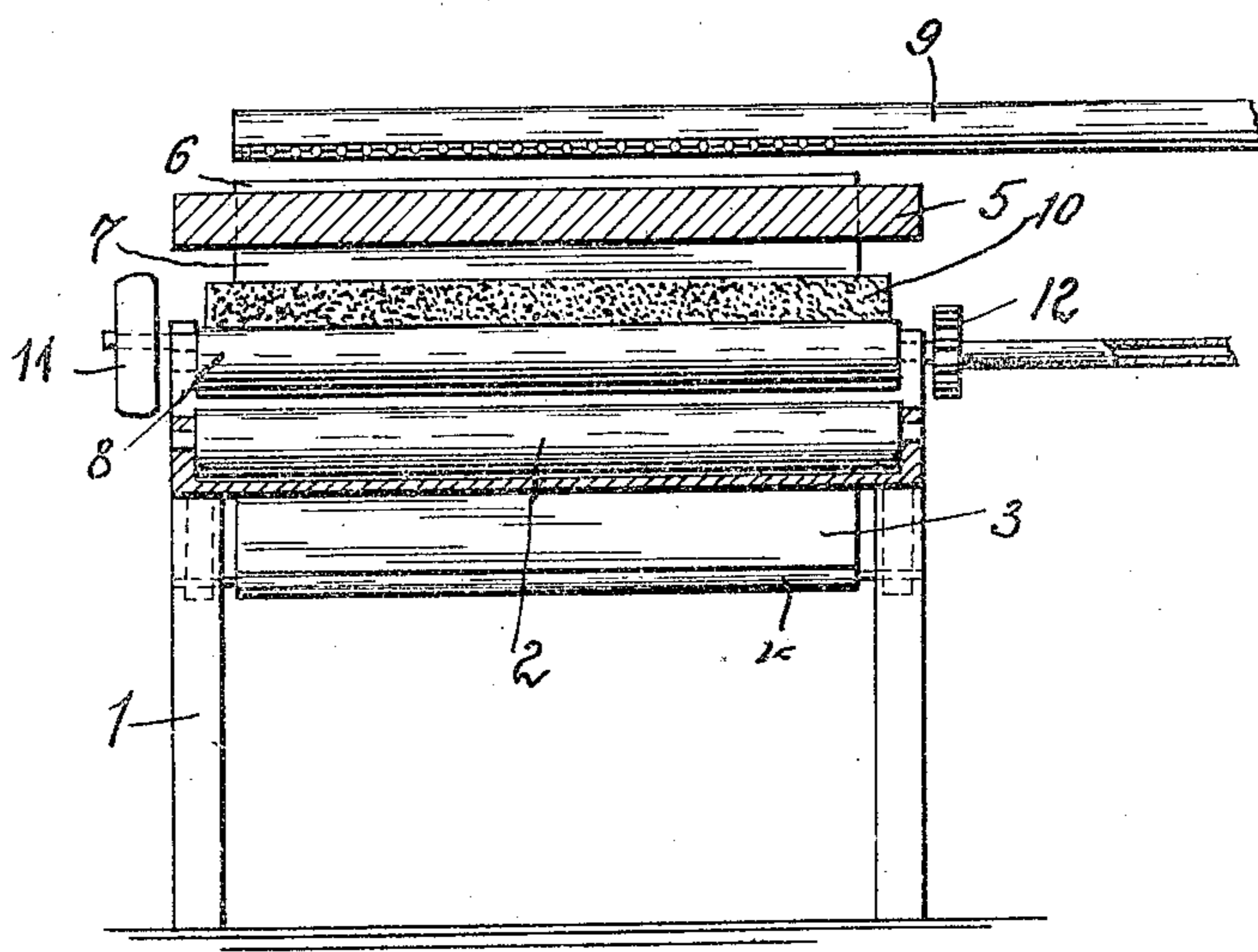


Fig. 2



WITNESSES
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UNITED STATES PATENT OFFICE.

THOMAS B. KAZANJIAN, OF JERSEY CITY, NEW JERSEY.

CLOTH-FINISHING MACHINE.

No. 889,851.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed April 19, 1907. Serial No. 369,096.

To all whom it may concern:

Be it known that I, THOMAS B. KAZANJIAN, a subject of the Sultan of Turkey, and resident of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Cloth-Finishing Machines, of which the following is a specification.

The present invention relates to apparatus for finishing fabrics. Its object is to provide a simple and efficient device for pressing the cloth so as to give it the final finish. This object is brought about by providing suitable supports with means for pressing the fabric by passing the same through rollers and endless aprons, and then render straight the pile of the fabric by brushing the same.

The invention is illustrated in the accompanying drawing, in which
Figure 1 is a longitudinal cross section of the apparatus, and Fig. 2 a cross section on the line A—A of Fig. 1.

A suitable support 1 carries a series of rollers 2, over which travels an endless apron 3, passing auxiliary rollers 4. A frame 5 supports a number of similar rollers 6, over which travels a second endless apron 7, which is moistened by a suitable sprinkler 9 before it coöperates with the first apron 3.

A plurality of heated rollers 8 is arranged upon the support 1, coacting with the rollers 2. Both aprons pass between the first roller 2 of the table 1, indicated on the left hand side of Fig. 1, and the corresponding heated roller 8. The table 1 is furthermore provided with rotatable brushes 10 and coacting rollers 2', between which the lower one of the aprons, that is apron 3, passes.

Rotation of the several parts is brought about from any suitable source of power by means of the pulley 11, while uniform rotation of the rollers 8 is imparted by means of a suitable chain or belt connection leading over the gears 12.

A suitable funnel 13 is located over the last of the brushes 10, and connected by means of a tube 14 to an exhaust. The object

of this device is to remove the dust thrown out of the fabric or rug by the brush 14.

The fabric, such as a rug, after having received its prior treatment, passes through the apparatus between the two aprons 3 and 7, and is pressed by means of the coacting rollers 2 and 8. After having left the first pair of rollers, it passes through the brushing rollers 10 and 2', and still being supported by the lower apron 3 its piles are now rendered straight. It passes again through a plurality of sets of pressing rollers 2 and 8, and finally through a second pair of brushing rollers 2' and 10, after which it is entirely finished.

As new and useful is claimed and desired to be secured by Letters Patent of the United States:—

1. The combination with a support, of a series of pressing rollers, an apron adapted to travel upon said rollers, a series of heated rollers rotating in one direction and coacting with said first apron and said pressing rollers, a second apron adapted to pass between the first heated roller and one of the pressing rollers, means for moistening said second apron, and rotatable brushes rotating in the same direction as said heated rollers and adapted to coöperate with said first apron.

2. The combination with a support, of a series of pressing rollers located in one plane and journaled in said support, an apron adapted to travel upon said rollers, series of heated rollers rotating in the same direction and coöperating with said apron and said pressing rollers, a wet apron adapted to pass between the first heated and one of said pressing rollers, and rotatable brushes rotating in the same direction as said heated rollers and adapted to coöperate with said first apron.

Signed at New York, in the county of New York, and State of New York, this 6th day of April A. D. 1907.

THOMAS B. KAZANJIAN.

Witnesses:

RALPH J. SACHERS,
SIGMUND HERZOG.