No. 752,989. PATENTED FEB. 23, 1904.

V. MAHEU.

ROLL CLEANING DEVICE FOR SPINNING MACHINES.

APPLICATION FILED JUNE 23, 1903.

NO MODEL.

Fig. 1

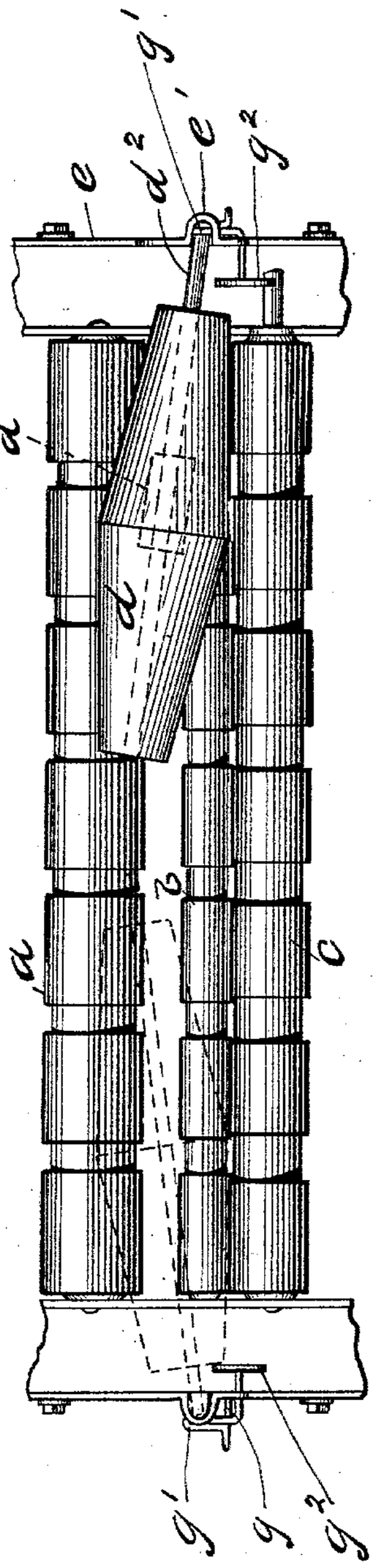
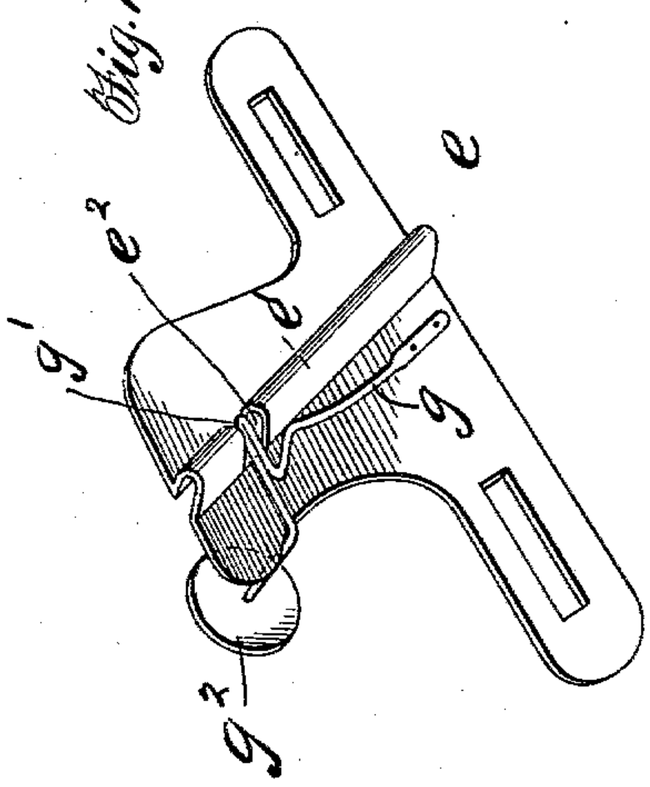


Fig. 2.



Witnesses
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No. 752,989. Patented February 23, 1904.

UNITED STATES PATENT OFFICE.

VICTOR MAHEU, OF WILLIMANTIC, CONNECTICUT.

ROLL-CLEANING DEVICE FOR SPINNING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 752,989, dated February 23, 1904.

Application filed June 23, 1903. Serial No. 162,763. (No model.)

To all whom it may concern:

Be it known that I, VICTOR MAHEU, a citizen of the United States of America, residing at Willimantic, in the county of Windham and State of Connecticut, have invented certain new and useful Improvements in Roll-Cleaning Devices for Spinning-Machines, of which the following is a specification.

Figure 1 is a plan view of the machine with my invention applied thereto. Fig. 2 is a detail perspective view of the invention.

The invention in general relates to the roll-cleaning device shown in my Patent No. 723,172, issued March 17, 1903, and in particular to a stop-plate for shifting the weight in and reversing the position of the cleaner.

In the drawings, *a b c* denote the three rolls of a spinning-machine, and *d* the cleaner, which is of a construction similar to that shown and described in my above-mentioned patent, having the weight d', supported on a rod d^2, which is movable lengthwise through the cleaner. At each side of the machine is positioned a plate *e*, which is grooved, as at e', the metal forming the groove being transversely slotted, as at e^2 in Fig. 2. To the rear of this plate is secured a spring *g*, which has a bend g', normally positioned in the slot e^2, forming a stop, and a button or contact-plate g^2, projecting to the front of the plate *e*. As the roll reaches the position shown in full lines in Fig. 1 the rod d^2 enters the groove e' and is prevented from rising by the stop g'. The cleaner *d* continues to move along the rolls until it comes in contact with the button g^2, which it forces outwardly enough to remove the stop g' from the groove e'. At the time that the rod is released, so that it is free to rise, the weight has been forced to the opposite end of the body of the cleaner and will tip that end down and the outer end up. In dotted lines in Fig. 1 the cleaner is shown engaging the button g^2, releasing the rod d^2. This stop-plate, which does not permit the cleaner to tip until the weight is shifted from one end to the other, insures the proper working of the device and its continuous movement back and forth along the rolls without attention on the part of the operator.

I claim as my invention—

1. The combination with a cleaning-roller of the herein-described stop-plate comprising a base, the projection grooved lengthwise thereof, and a removable stop located in said groove.

2. The combination with a cleaning-roller of a grooved plate, and a stop normally located in said groove and supported on a yielding stem.

3. The combination with a cleaning-roller of the herein-described stop-plate provided with a groove, a slot cut in the wall of said groove, a spring secured to said plate extending first into the slot and from there to the front of the plate and provided with a button at its end, substantially as described and for the purposes set forth.

4. The combination with a roll-cleaning device comprising a body and a weight supported on a rod movable lengthwise through said body, of a stop-plate adapted to shift said weight from one end of the body to the other, said plate being adapted to offer resistance to the upward movement of the depressed end of the body to a limited extent.

In testimony whereof I affix my signature in presence of two witnesses.

VICTOR MAHEU.

Witnesses:
CHAS. J. ROYCE,
DAVID B. DATE.