

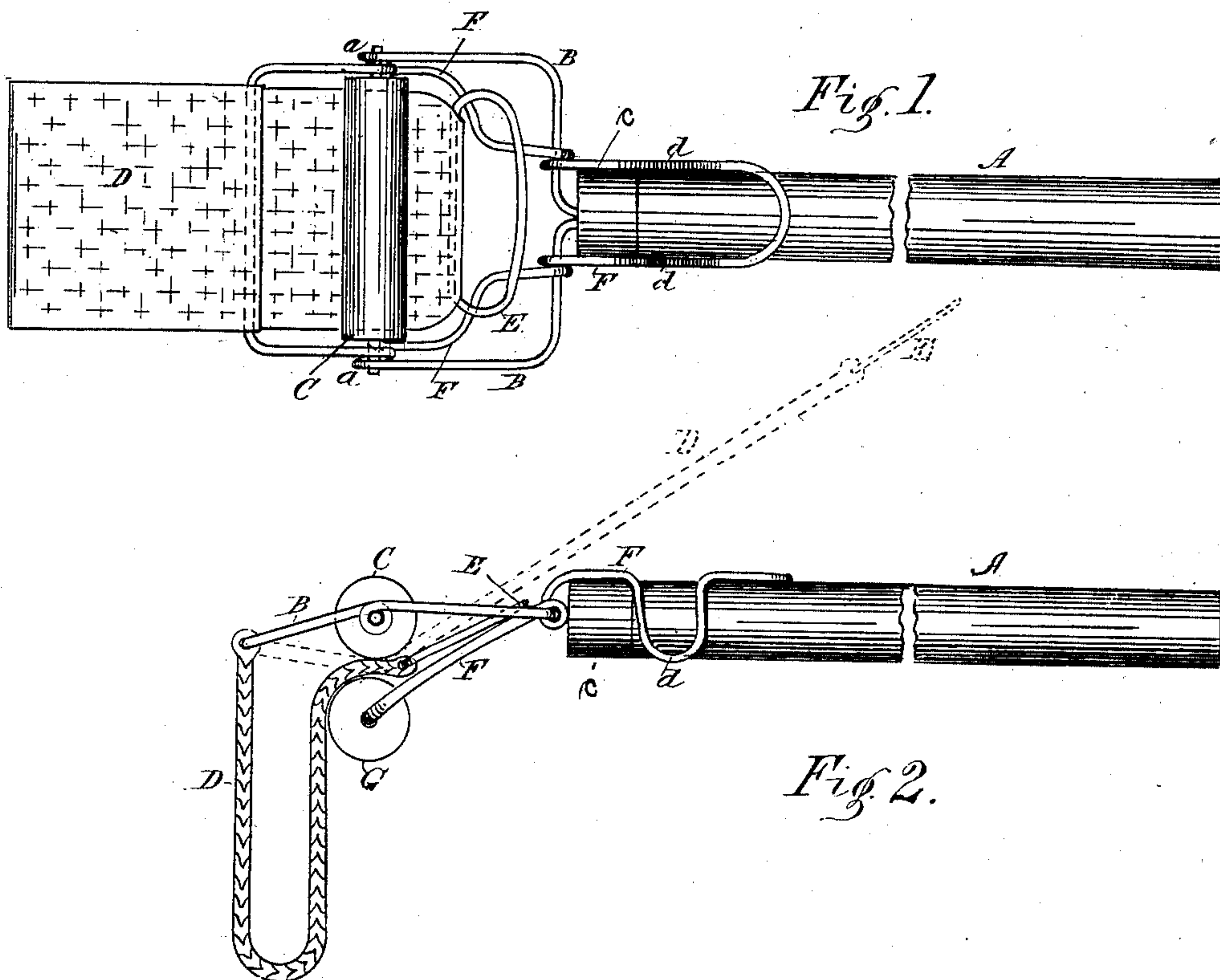
No. 717,091

Patented Dec. 30, 1902.

G. G. GLENN.
MOP HEAD AND WRINGER.

(Application filed Aug. 30, 1902.)

(No Model.)



Witnesses
E. H. McCoy
E. Baylis

Inventor
George G. Glenn
By W. Bruce
Atty

UNITED STATES PATENT OFFICE.

GEORGE GRAHAM GLENN, OF HAMILTON, CANADA, ASSIGNOR TO WILLIAM
G. LUMSDEN, OF HAMILTON, CANADA.

MOP HEAD AND WRINGER.

SPECIFICATION forming part of Letters Patent No. 717,091, dated December 30, 1902.

Application filed August 30, 1902. Serial No. 121,561. (No model.)

To all whom it may concern:

Be it known that I, GEORGE GRAHAM GLENN, a citizen of the Dominion of Canada, residing at the city of Hamilton, in the county
5 of Wentworth, in the Province of Ontario, Canada, have invented a certain new and useful Improvement in Mop Heads and Wringers; and I do hereby declare that the following is a full, clear, and exact description of
10 the construction and operation of the same.

The invention relates to such improvement in mops as will enable the wringing of the same to be done better and much more effectively and quicker than by the present construction of mops, at the same time being light
15 but strong.

The invention consists of a wire frame to carry the mop-cloth and bent at both sides to form bearings for the journals of a roller, the
20 frame at the rear end being bent and inserted and driven into a wood handle about two inches. Pivoted to the rear of the said frame is a lever which carries a wood roller the same size as the other one on the main frame. The
25 sides of the rear portion of the said lever are so bent as to grip the handle when the mop-head is closed and ready for operating on the floor. One end of the cloth is fastened to the forward part of the wire frame, and the op-
30 posite end is passed between the rollers and rests upon the lever, a grip-wire handle being attached to the end of it for convenience in pulling the cloth up between the rollers to wring it and cause the water to be discharged
35 from the cloth without twisting it in the usual way. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a top or plan view of a mop embodying my invention. Fig. 2 is a side view.

Similar letters refer to similar parts throughout the several views.

A represents a wood handle of the usual form and size provided with a ferrule c.

45 B is a wire frame formed of about No. 6 steel wire and bent in the form shown at Fig. 1, the rear end being driven into the end of the handle A and the central portion carrying a roller C, which may be of wood or

other material. The frame is bent at the 50 points *a a* for the journals of the roller to rest and revolve in.

D is the mop-cloth, one end being fastened to the forward part of the said frame B, and at the other end is fastened a wire handle E 55 for pulling up the cloth.

F is a lever of the same size of wire as the frame B and bent, as shown in Fig. 1, around the rear part of the said frame, which pivots it thereto. The forward part of the said le- 60 ver F carries a roller G, of a similar size to the one marked C, the lever being made to pass through its center. The cloth D is made to pass between the rollers C G, as shown at Fig. 2. The rear portion of the lever F is 65 bent at *d*, the two sides of which are made to grip the handle A to hold it in the position shown at Fig. 2.

The mop is operated in the usual manner, with the exception of the wringing which, 70 when necessary, the operator grasps the handle E and pulls the cloth D up between the rollers, as shown in dotted lines, Fig. 2, the pressure of the rollers discharging the surplus water contained in the cloth without 75 twisting or extra exertion on the part of the operator and can be done in a moment much more easily and quickly than can be done in the usual way.

Having thus described my device and its 80 advantages, what I claim as my invention, and desire to secure by Letters Patent, is—

In a mop, a wire frame attached to a handle, a roller journaled in the frame and a mop-cloth attached to the frame, a lever pivoted 85 to the main frame, a roller journaled on the said lever, the latter bent at the rear part to grip the mop-handle, a wire handle fastened to the inner end of the cloth, by which it is made to be drawn between the rollers to dis- 90 charge surplus water, all constructed and combined, substantially as and for the purpose specified.

Hamilton, Ontario, July 29, 1902.

GEO. GRAHAM GLENN.

In presence of—

WM. BRUCE,
E. BAYLIS.