

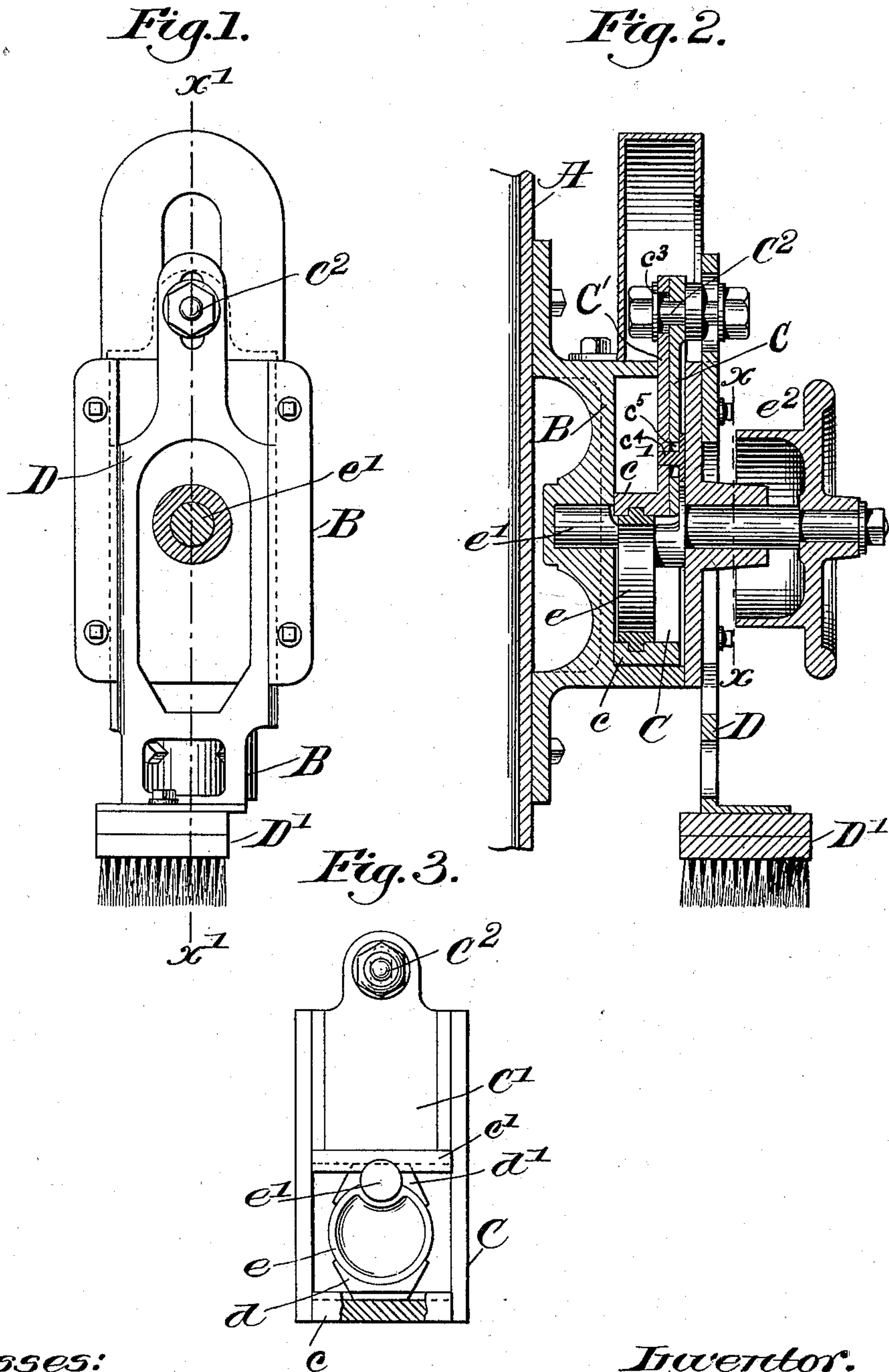
No. 609,385.

Patented Aug. 16, 1898.

J. W. CLARKSON.
COMB DABBING MECHANISM.

(Application filed July 30, 1896.)

(No Model.)



Witnesses:

A. C. Harmon.

Thomas J. Drummond.

Inventor.

John W. Clarkson.

by Crosby Gregory attys.

UNITED STATES PATENT OFFICE.

JOHN W. CLARKSON, OF WORCESTER, MASSACHUSETTS, ASSIGNOR, BY
MESNE ASSIGNMENTS, TO THE CROMPTON & KNOWLES LOOM WORKS,
OF SAME PLACE AND PROVIDENCE, RHODE ISLAND.

COMB-DABBING MECHANISM.

SPECIFICATION forming part of Letters Patent No. 609,385, dated August 16, 1898.

Application filed July 30, 1896. Serial No. 601,019. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. CLARKSON, of Worcester, county of Worcester, State of Massachusetts, have invented an Improvement in Comb-Dabbing Mechanism, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 This invention has for its object to improve the construction of the mechanism for operating the dabbing-brushes of wool-combing machines, whereby repairs due to the wear of the parts may be readily made and the cost
15 of construction of the parts be reduced.

Heretofore the eccentric for reciprocating the dabbing-brush has been embraced by an eccentric-strap connected to the brush-carrier.

20 In this invention I have placed between the eccentric and parallel faces fixed to the carrier for the dabbing-brush two shoes having concave faces which rest on the eccentric at opposite points.

25 Figure 1 is a front elevation of a dabbing-brush at the rear of the dotted line x , Fig. 2; Fig. 2, a section in the line x' , Fig. 1; and Fig. 3 is a detail showing the dabbing-brush carrier, eccentric, and shoes.

30 In the drawings, A represents part of the stationary frame of a wool-combing machine. It supports a frame B, having suitable guide-ways for the dabbing-brush carrier C and the shank D of the dabbing-brush D'.

35 The carrier C is shown as made of two members C C', adjustably connected together by a bolt C², said parts having, respectively, guides or offsets c c' , whose adjacent faces are shown as grooved for the reception of the
40 outer ends of two like shoes d d' , said shoes having each a concave face to rest against and partially embrace the usual eccentric e on the shaft e' , having a belt-pulley e^2 , whereby said shaft and eccentric may be rotated to
45 reciprocate the dabbing-brush. The member C' rests flatwise against the member C and is slotted at c^3 at its upper end for adjustment

on the clamping-bolt C², being provided intermediate its ends with a headed holding-stud c^4 , working in a slot c^5 in the member C. 50

The shank of the dabbing-brush is connected to the dabbing-brush carrier by the bolt C² referred to, and in case of any wear of the shoes or eccentric the part C' may be adjusted on the part C to compensate for it. 55
This construction not only reduces the cost of the machine, but adds greatly to its durability, for wear between the eccentric and the parts in contact with it may be readily compensated for. 60

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A dabbing-brush, its carrier, an eccentric for actuating them, and shoes to bear on said eccentric, said carrier being composed of two members, one being slotted to receive a bolt from the other, said slotted member resting on and being adjustable on the other member, each of said members having at one end an offset, said shoes resting on said offsets, and having concave faces resting flatly against said eccentric and terminating short of each other, whereby said shoes may be moved toward each other to compensate for wear by the adjustment of the said two members of the carrier, substantially as described. 65 70 75

2. A frame, a shaft journaled therein provided with an eccentric, a dabbing-brush guided on said frame, a carrier therefor composed of two members, a bolt carried by one of said members, and the other member and the shank of the dabbing-brush being adjustable on said bolt, each of said members having a guide at one end, supporting a shoe, said shoes being concave to rest on said eccentric, but only partly surrounding the latter, substantially as described. 80 85

3. The carrier, composed of two members, extending longitudinally of and against each other, one having a clamping-bolt and the other being adjustable thereon, a holding-stud guiding them in such adjustment, an eccentric to actuate the carrier, shoes between 90

the eccentric and carrier, one on each member of the latter, said shoes being capable of adjustment toward each other to take up wear, a dabbing-brush mounted on said carrier, and means to adjust said brush thereon,
5 substantially as described.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

JOHN W. CLARKSON.

Witnesses:

JUSTIN A. WARE,

SAMUEL B. SCHOFIELD.