

No. 721,054.

PATENTED FEB. 17. 1903.

E. W. LINDQUIST.
MACHINE FOR COVERING EYEGLASS CASES.

APPLICATION FILED JUNE 12, 1902.

NO MODEL.

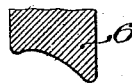
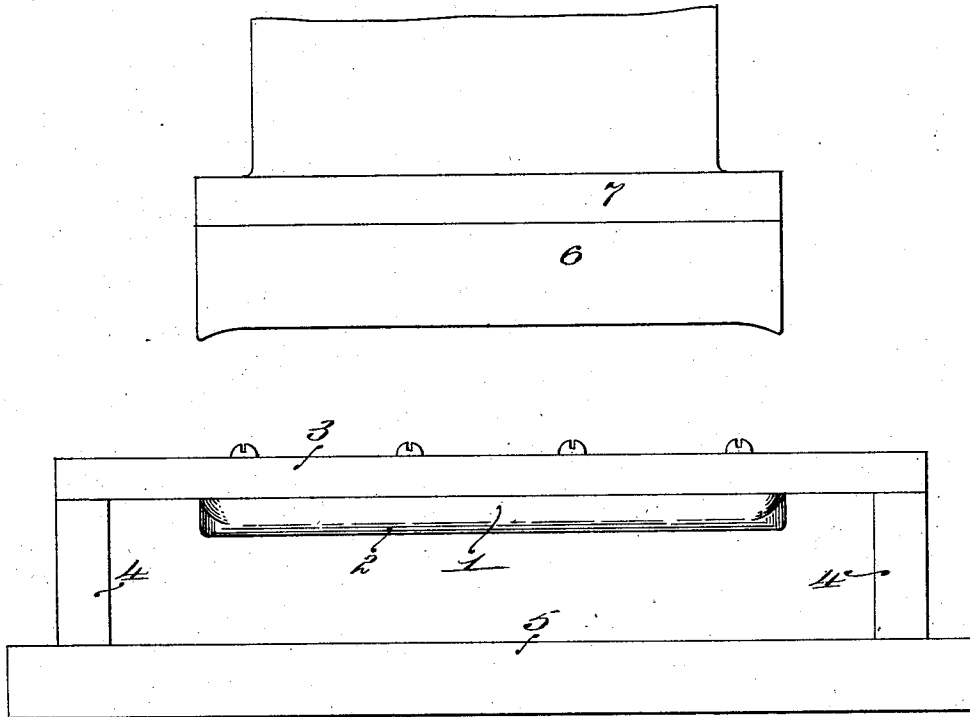


Fig. 1.

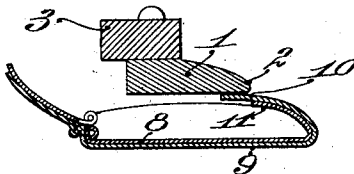


Fig. 2.

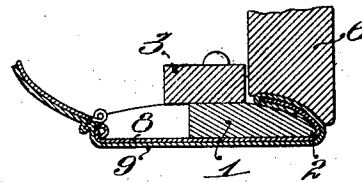


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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MACHINE FOR COVERING EYEGLASS-CASES.

SPECIFICATION forming part of Letters Patent No. 721,054, dated February 17, 1903.

Application filed June 12, 1902. Serial No. 111,429. (No model.)

To all whom it may concern:

Be it known that I, ERICK W. LINDQUIST, a citizen of the United States, residing at Weymouth, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Machines for Covering Eyeglass-Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to an improvement in machines for covering eyeglass-cases, and more particularly to a machine for covering the lips of eyeglass-case boxes.

As eyeglass-cases are now very generally constructed the box of the case is provided at its front edge with an inturned lip and the covering material for the outside of the box is bent upwardly over the lip and down under and up against the inside of the same. Heretofore this operation, so far as I am informed of the state of the art, has been exclusively performed by hand; and the object of my invention is to produce a machine by the assistance of which the operator may very rapidly and efficiently perform this operation.

To the above ends the present invention consists of the devices and combinations of devices hereinafter described and claimed.

In the drawings illustrating a preferred form of my invention, Figure 1 is a front elevation of so much of the machine embodying my invention as is necessary for a description thereof. Fig. 2 is a vertical cross-section of the die and plunger in one position, and Fig. 3 a similar section of the die and plunger in another position.

According to my invention a die 1, provided with a bending edge 2, is mounted upon a support 3, being secured to blocks 4, by which it is supported a little distance above the bed 5 of the machine. A plunger 6 is arranged above the die 1, being mounted upon the reciprocating head 7 of the machine. The eyeglass-case box 8, having had the covering material 9 secured to its under side, is presented to the machine by the operator, so that the bending edge 2 of the die 1 is rubbed over the upwardly-extended portion 10 of the covering material until the bending edge 2

comes opposite the edge of the lip 11 of the box. Then the box is raised by the operator bending down the extended portion 10 of the covering material and then the box is slid onto the die into the position shown in Fig 3 and held there by the operator. Then the die 6 is pushed downward into engagement with the covering material, thereby pressing the two layers of the covering material upon the opposite sides of the lip 11 against the lip and securely attaching them thereto. The die 1 is conveniently made of iron, and the plunger 6 is conveniently made of wood; but it is to be understood that my invention is not limited to these materials, as other materials may be employed. It is to be observed that the bending edge 2 of the die 1 is an important feature of my invention, as this edge constitutes a convenient and efficient means of bending the edge of the covering material around the lip 11 of the box, and that at the same time the shape of the die 1 is such that it enters the space underneath the lip of the box and supports the same against the pressure of the plunger 6, which coöperates therewith to securely unite the covering material to the lip.

It is to be understood that my invention is not limited as to the specific form illustrated in the accompanying drawings and described herein, as it is susceptible to embodiment in various forms without departure therefrom.

Having thus described my invention, I claim as new and desire to secure by Letters Patent of the United States—

1. A machine for covering eyeglass-cases, having, in combination, a die shaped to enter the space underneath the lip of an eyeglass-case and a plunger adapted to coöperate with the die to press the covering material against both sides of the lip, substantially as described.

2. A machine for covering eyeglass-cases, having a die provided with a bending edge adapted to wipe the covering material over the edge of the lip of the box and to bend such covering material under such lip, substantially as described.

3. A machine for covering eyeglass-cases, having, in combination, a die adapted to fit the space under the lip of eyeglass-cases, said

die being provided with a bending edge for the purpose described, and a plunger for securing the covering material to the lip of the box, substantially as described.

- 5 4. A machine for covering eyeglass-cases, having, in combination, a die adapted to fit the space underneath the lip of eyeglass-cases, said die being supported above the base of the machine so as to leave a space between the
10 die and the base of the machine, and a plunger adapted to cooperate with the die to attach the covering material to the box, substantially as described.

5. A machine for covering eyeglass-cases, having, in combination, a base, a die provided with a projecting portion, means for supporting said die above the base, and a plunger adapted to cooperate with the upper surface of the die, substantially as described. 15

In testimony whereof I affix my signature 20
in presence of two witnesses.

ERICK W. LINDQUIST.

Witnesses:

HORACE VAN EVEREN,
FRED O. FISH.