

Jan. 28, 1958

S. J. CARR

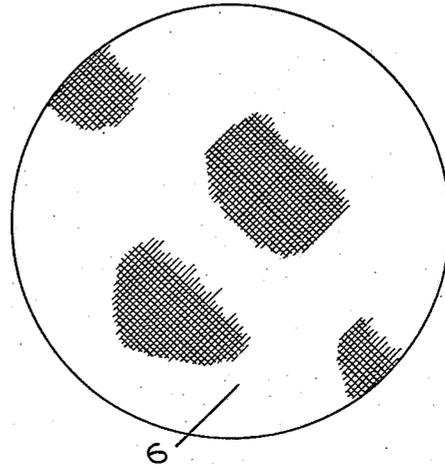
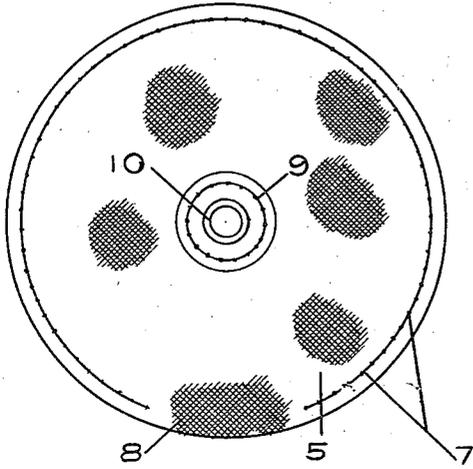
2,820,977

WAX APPLYING ATTACHMENT FOR FLOOR POLISHERS

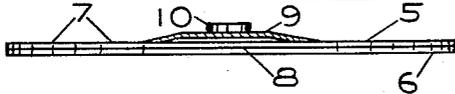
Filed Jan. 11, 1956

**Fig. 1**

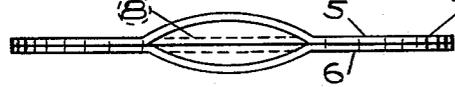
**Fig. 2**



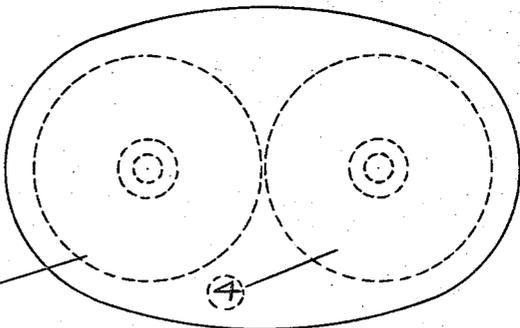
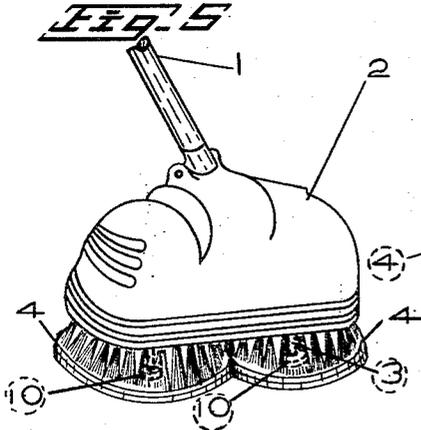
**Fig. 3**



**Fig. 4**



**Fig. 5**



Inventor  
Stanley Joseph Carr  
By L. S. Mitchell  
Attorney

1

2,820,977

## WAX APPLYING ATTACHMENT FOR FLOOR POLISHERS

Stanley J. Carr, Tete Jaune, British Columbia, Canada

Application January 11, 1956, Serial No. 558,537

1 Claim. (Cl. 15—131)

My invention relates to wax applying attachments for floor polishers, having more particular reference to a device for use on a motor driven polisher of a character providing rotating spindles, and on which the wax applying attachments are designed to be added.

In the art to which the invention relates electric floor polishers more usually provide a pair of rotating brushes attached on motor driven spindles. Such devices require the wax to be applied separately to the surface to be polished and this is usually done by hand.

The present invention contemplates provision of an attachment to apply over the brushes, as is commonly done in the use of buffing cloths, and by which wax may be applied to a floor.

One of the objects of the invention is accordingly to provide an attachment for a floor polisher of a character using motor driven brushes and which is designed to be engaged on the polisher over the brushes and is adapted for spreading wax on the floor by rotation of the brushes with the attachment or attachments thereon.

A further object of the invention is to provide such an attachment for use on the brush carrying spindle of the floor polisher and which further is convenient to load with wax, and is economical in use and to manufacture.

Other features and advantages of the invention will become apparent by reference to the accompanying description taken in conjunction with the drawings wherein like characters of reference indicate like parts throughout the several views, and wherein:

Fig. 1 is a top plan view of a wax applying attachment in accordance with my invention.

Fig. 2 is an inverted plan view of same.

Fig. 3 shows a side edge view partially in section of the attachment, illustrated with the filler opening closed.

Fig. 4 shows an edge view of the attachment with the fabrics spread to show the filler opening.

Fig. 5 shows a side view of a floor polisher, partly broken away, and to which the wax applying attachments are adapted to be added.

Fig. 6 shows a top view of the body of the polisher.

Having reference to the drawings, in Figures 5 and 6 is shown a floor polisher illustrating use of rotating spindles and brushes on the spindles, and it is on these spindles my improved wax applying device is adapted to be attached over the brushes. Such a polisher would provide a handle 1 pivoted to a body 2 and in which body motor driven spindles 3 would be provided on which brushes are adapted to be mounted secured by means of catch members or snap fasteners, and on which spindles my

2

wax applying attachment 4 is adapted to be engaged over the brushes, as is common in the use of buffing cloths.

The wax applying attachment consists of upper and lower circular pieces of fabric 5 and 6 stitched together around the edges at 7 and with an interval in the stitching at 8 to provide a filler opening through which paste wax may be inserted between the fabric layers. On the upper fabric 5 is a circular reinforcing fabric piece 9 for attachment of a snap fastener 10, such as is common in the art, and by which the wax applying device may be secured on a brush spindle.

The upper layer of fabric in the present showing is of fine mesh to prevent extrusion of the wax and the lower layer is of a coarse mesh that allows wax to work through, and in as much as there is considerable wear on the lower fabric a tough cord fabric is required, preferably a nylon or like material that would stand high speed rotation when in contact with the floor.

In the use of the device the wax to be applied is inserted through the filler opening between the fabrics by means of a spoon or wooden spatula and the wax attachments mounted or engaged on the spindles of the polisher. The spindles are then rotated, as in a polishing operation. The fastening means for attachment of the wax applying device could be varied as required for use of the attachment on any make of polisher employing rotatable spindles.

The device eliminates the use of a separate wax applicator or application of the wax by hand. It spreads the wax evenly and is economical in the use of wax and also to manufacture.

While I have herein disclosed a preferred embodiment of my invention it is obvious that changes in the construction of parts and in the material employed would be readily conceivable, and in so far as such changes come within the spirit and scope of the invention as defined in the appended claim they would be considered a part hereof.

Having thus particularly described and ascertained the nature of my said invention what I claim and wish to secure by Letters Patent is:

A wax applying attachment for floor polishers of a character providing a rotatable spindle and a brush on the spindle, said attachment comprising a container for the wax having means of attachment of the container on the spindle bearing against the under side of the brush, said container consisting of upper and lower superimposed circular pieces of fabric joined together at the edges with the exception of a part providing an opening for insertion of wax, the upper fabric having a reinforcing fabric between the spindle attaching means and said upper fabric, and said upper fabric being of a material adapted to prevent extrusion of wax therethrough and the lower fabric being of a material adapted to permit of extrusion of wax therethrough.

### References Cited in the file of this patent

#### UNITED STATES PATENTS

|            |           |               |
|------------|-----------|---------------|
| Re. 21,399 | Zimmerman | Mar. 12, 1940 |
| 1,931,686  | Butcher   | Oct. 24, 1933 |
| 1,933,846  | Finnell   | Nov. 7, 1933  |
| 2,769,994  | Sutton    | Nov. 13, 1956 |