Nov. 10, 1936. C. J. RONIGER 2,060,693

CARBON PAPER REJUVENATOR

Filed Aug. 21, 1935

Fig. 1.

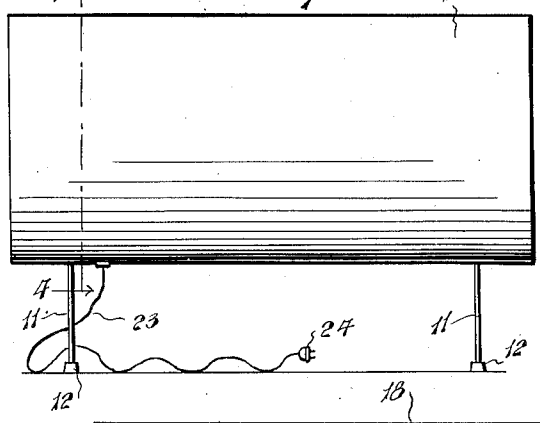
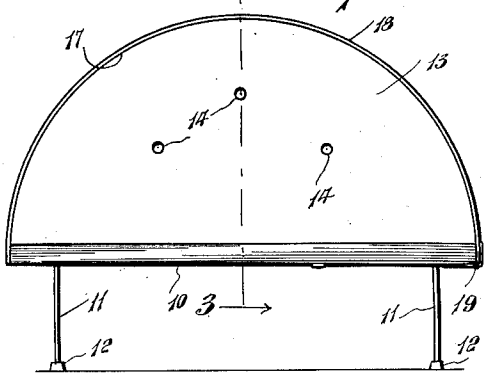


Fig. 2.



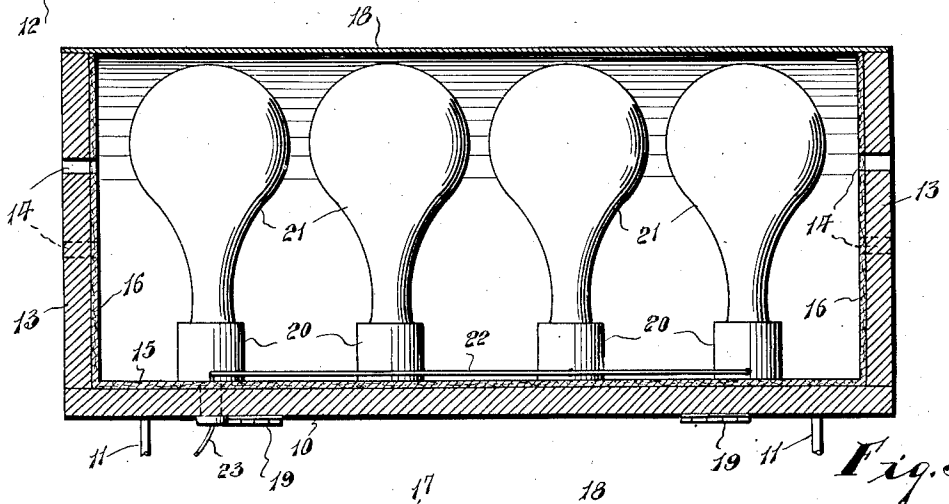
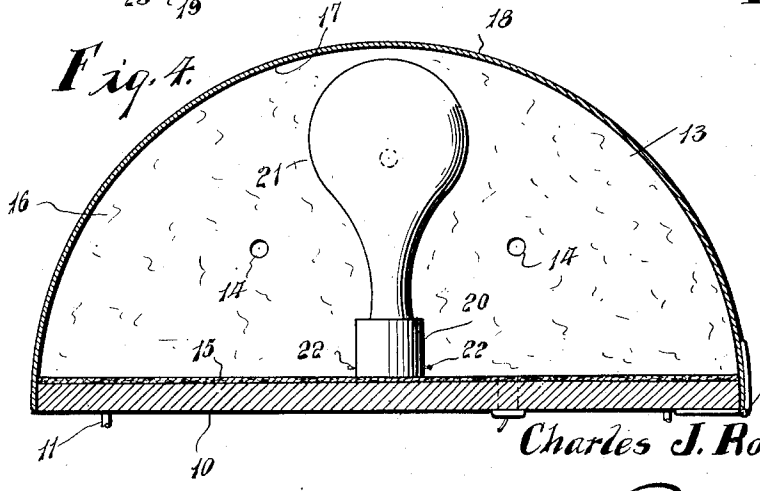


Fig. 3.

Fig. 4.



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CARBON PAPER REJUVENATOR

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Application August 21, 1935, Serial No. 37,259

2 Claims. (Cl. 219—45)

The invention relates to means for rejuvenating carbon paper and the like. In using carbon paper or other similar papers for reproducing impressions, it is well known that much of the colored film is not used up, especially where the carbon paper is used for typewriting, as the impressions made in typewriting in the carbon paper are generally in about the same position. This invention has for its object the provision of means for heating the impression surface so as to spread the remainder of the colored wax evenly on the surface thereof so that the paper may be kept in use for a longer time than is now possible.

To this end my invention has for its object the provision of means whereby the colored wax forming the impression surface of the paper may be heated slightly to permit it to spread evenly on the sheet so as to make the sheet capable of reuse.

The invention will be described in detail hereinafter and will be found illustrated in the accompanying drawing, in which

Figure 1 is a side view in elevation of the improved carbon paper rejuvenator,

Figure 2 is an end view,

Figure 3 is a longitudinal sectional view on a plane indicated by the line 3—3 of Figure 2, and

Figure 4 a cross sectional view on a plane indicated by the line 4—4 of Figure 1.

Referring to the drawing, in which similar reference characters are used to designate corresponding parts in all the views, the carbon paper rejuvenator comprises essentially a heater having a base member 10 that is preferably rectangular in shape, and supported on legs 11, that may be provided with rubber or other cushion feet 12 to prevent marring a desk or other article of furniture on which the rejuvenator may be mounted. The base member 10 may be constructed of wood or other fibrous material or of any other suitable material, and has at its opposite end upstanding flanges 13 made of the same material as the base and provided with one or more ventilating openings 14.

The upper side of the table 10 and the inner side of the flanges 13 are covered with sheet asbestos or other heat insulating material, shown at 15 and 16, respectively, the sheets of material 16 being provided with openings alining with the openings 14 and so designated.

Mounted on the semicircular edges 17 of the end flanges 13 is a semicylindrical plate 18 of any suitable metal that may or may not be plated to add to the appearance of the article. The semicylindrical plate 18 is hingedly secured on one of the side edges of the base member 10 as shown at 19 so as to permit swinging the plate 18 thereon to obtain access to the interior of the heating device.

Mounted on the base plate 10 are electric sockets 20 and secured in said sockets 20 are electric lamp bulbs 21. The electric lamp sockets are connected in multiple by means of wires 22 with a lead-in wire 23 having a conventional plug 24 for connecting the lamp bulbs with any electric outlet.

In using the apparatus, it will be apparent that the heat from the bulbs 21 will heat the plate 18 and that by laying the sheet of carbon face up on the plate, the colored film thereon will be melted and will spread and fill in the used portions of the film, or if preferred the sheet of impression paper may be held at opposite ends by the hands and slowly drawn across the top portion of the apparatus until the film melts and spreads on the sheet.

What is claimed is:

1. A rejuvenator for carbon and similar papers, comprising a base member, semicircular flanges mounted on opposite ends of said base member, a semicylindrical plate of sheet metal hingedly connected to another edge of the base and adapted to engage the curved edges of said flanges, electric sockets mounted on said base member in relatively close relation, and electric lamps secured in said sockets, said lamps adapted to heat said plate and the plate adapted to support a sheet of carbon paper and the like to redistribute the carbon thereon, heat insulating material materially of the device lining said base member and said flanges, said flanges and insulation having vents therethrough.

2. A rejuvenator for carbon and similar papers, comprising a base member, semicircular flanges mounted on opposite ends of said base member, a semicylindrical plate of sheet metal hingedly connected to another edge of the base and adapted to engage the curved edges of said flanges, electric sockets mounted on said base member in relatively close relation, and electric lamps secured in said sockets, said lamps adapted to heat said plate and the plate adapted to support a sheet of carbon paper and the like to redistribute the carbon thereon, heat insulating material materially of the device lining said base member and said flanges, said flanges and insulation having vents therethrough and supporting legs depending from the base member.

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