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J. B. LYON

1,868,985

NAIL BUFFER

Filed July 29, 1931

Fig. 1.

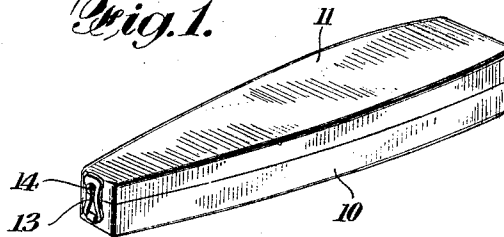


Fig. 2.

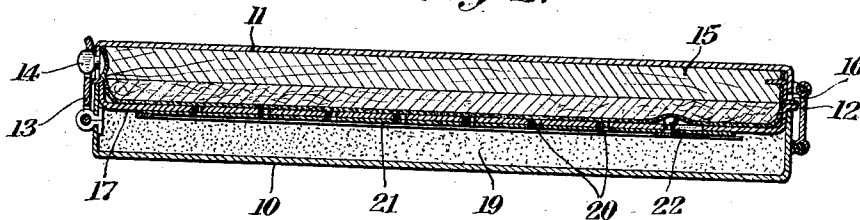


Fig. 3.

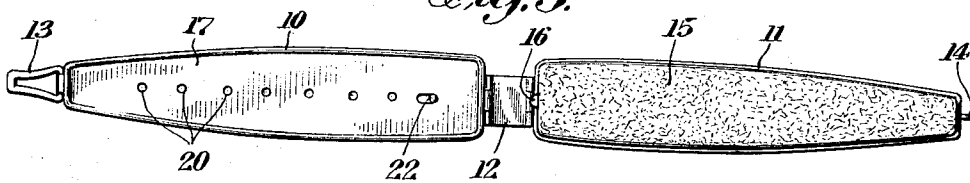
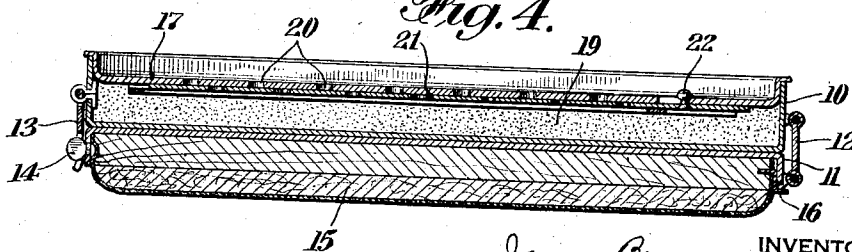


Fig. 4.



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NAIL BUFFER

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This invention relates to nail buffers and has for an object a compact, convenient, efficient and serviceable device of this type in which the buffer when not in use is completely enclosed and protected against soiling.

A buffer embodying the invention consists of an elongated case composed of two sections hinged together in such manner that they may be arranged back to back and a clasp is provided for holding the sections either in closed position or in the open back to back position. One section carries a buffer which in the open position of the sections is available for use in the ordinary manner. The other section is provided with a polish-chamber having a sifter top controlled by a slide which is maintained in closed position when the buffer is being used. When the sections are closed the buffer is completely enclosed and protected against soiling or other damage and may conveniently be carried in a traveling case, a hand-bag or pocket. Additional polish may be supplied to the surface of the buffer by moving the slide to the open position before the sections are closed and then shaking the case.

Other objects, novel features and advantages of this invention will be apparent from the following specification and accompanying drawing, wherein:

Fig. 1 is a perspective view of an embodiment of the invention;

Fig. 2 is a vertical longitudinal section with the case closed;

Fig. 3 is a plan view of the case partially open, and

Fig. 4 is a longitudinal section with the case in open position ready for use.

The case comprises sections 10 and 11 which are joined together by a link 12 having its ends pivotally connected to the sections. A clasp 13 is pivoted to the section 10 and co-operates with the stud 14 carried by the section 11 to secure the sections together when in closed position.

The link 12 is of such length that the sections 10 and 11 may be swung into the position shown in Fig. 4 with the back of the sections in contact. The sections are held

in this position also by means of the clasp 13 on the stud 14.

The section 11 has mounted therein a buffer 15 of the ordinary type. The rubbing surface of the buffer projects beyond the edge of the section 11 and extends into the section 10 when the case is closed. The buffer fits snugly in the section 11 and is provided with a lip member 16 by means of which it may be removed from the section 11 when desired.

The section 10 is provided with a partition or tray 17 having a flange which rests on the edge of the section 10. This tray forms a recess into which the buffer projects when the sections are closed and also forms with the section 10 an outer chamber 19.

The tray 17 is provided with a row of perforations 20 through which powder may sift from the chamber 19 on to the surface of the buffer 15. On the under surface of the tray 17 there is provided a slide 21 having apertures adapted to register with the apertures 20 when the slide is in one position and to be out of register when the slide is in another position. When the slide is in the first position, powder may sift from the chamber 19 on to the buffer, but in the second position sifting of the powder is prevented. The tray 17 is frictionally held in the section 10 but may be removed by prying on the flange of 17 and after removal of the tray additional powder may be introduced. A knob 22 is provided on the slide 21 and projects through a slot in the tray 17 and by means of which the slide 21 may be actuated.

When the buffer is not to be used, the case is closed as shown in Fig. 2 and if it is desired to supply fresh powder to the surface of the buffer, the slide 21 is arranged with its apertures in register with the apertures 20. By shaking the case, powder may be caused to sift through the aligned apertures and into contact with the surface of the buffer. When it is desired to use the buffer, the clasp 13 is disengaged from the knob 14 and the sections 10 and 11 swung into the back to back relation shown in Fig. 4 in which position they are again secured by means of the clasp and knob. Preferably, before the sections

10 and 11 are swung completely open the slide 21 is moved to bring the perforations out of alinement so that powder cannot escape from the powder chamber. With the sections in the position 4 the buffer is used in the usual manner and after the use of the same has been completed, the sections are returned to the closed position shown in Fig. 2.

When the case is closed the buffer is completely enclosed and the device is compact and of neat appearance. It may be carried about without fear of soiling the buffer or causing other injury to the same.

It is within the contemplation of this invention that either powder or liquid nail polish be used and that the sifter top powder chamber disclosed herein be replaced with a reservoir for liquid nail polish. Furthermore, it is to be understood that various modifications may be made in the structure above described without in any way departing from the spirit of the invention as defined in the appended claims.

I claim:

1. A device of the character described comprising a case consisting of two sections hinged together for arrangement back to back, a buffer mounted in one section, a perforated tray mounted in the other section and forming a powder chamber, and means for closing the perforations.

2. A device of the character described comprising a case consisting of two sections hinged together for arrangement back to back, a buffer mounted in one section, a perforated tray mounted in the other section and forming a powder chamber, means for closing the perforations, and a clasp for holding said sections in closed or back to back position.

3. A device of the character described comprising a case consisting of two sections, a link having its ends pivotally connected to said sections whereby said sections may be swung into back to back relation, a buffer mounted in one section, a perforated tray mounted in the other section and forming a powder chamber, and a slide for closing the perforations.

4. A device of the character described comprising a case consisting of two sections, a link having its ends pivotally connected to said sections whereby said sections may be swung into back to back relation, a buffer mounted in one section, a perforated tray mounted in the other section and forming a powder chamber, a slide for closing the perforations, and a clasp for holding said sections either in closed or back to back position.

5. A device of the character described comprising a case consisting of two sections hinged together for arrangement back to back, a buffer mounted in one section, a par-

tion forming a polish chamber in the other section, and means for holding said sections in closed or back to back position.

6. A device of the character described comprising a case of two sections hinged together for arrangement back-to-back, a buffer mounted in one section, and a container for polishing material mounted in the other section.

7. A device of the character described comprising a case of two sections hinged together for arrangement back-to-back, a buffer mounted in one section, a container for polishing material mounted in the other section and a clasp for holding said section either in closed or in back-to-back position.

8. A device of the character described comprising a case of two sections hinged together for arrangement back-to-back, a buffer mounted in one section, a container for material used in connection with said buffer mounted in the other section, and means for permitting a controlled flow of said material from said container for use in connection with said buffer.

9. A device of the character described comprising a case of two sections hinged together for arrangement back-to-back, a buffer mounted in one section, a container for polishing material used in connection with said buffer mounted in the other section, and means for permitting a controlled flow of said material from said container to said buffer when the sections of the case are in closed relationship.

10. A device of the character described comprising a case of two sections hinged together for arrangement in closed or in back-to-back relationship, a buffer mounted in one section, a container for material used in connection with said buffer mounted in the other section, and a clasp for holding said sections either in closed or in back-to-back relationship.

In testimony whereof, I have signed my name to this specification.

JAMES BERNARD LYON.