

A. HALLENBERG.
HAND MIXING RECEPTACLE.
APPLICATION FILED JUNE 15, 1909.

939,017.

Patented Nov. 2, 1909.

Fig. 1.

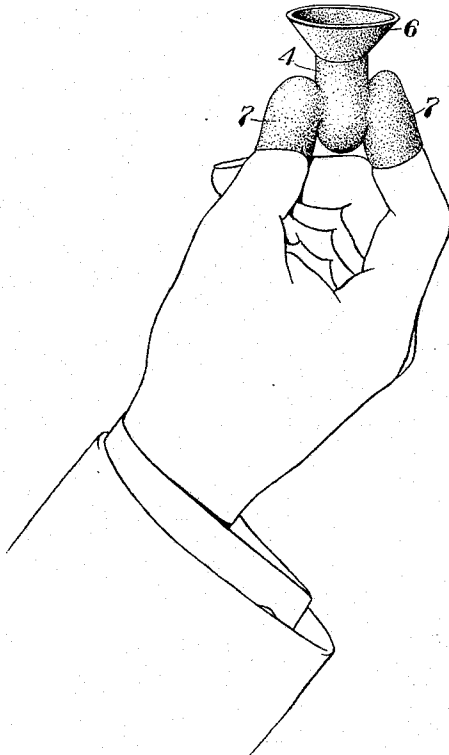


Fig. 3.

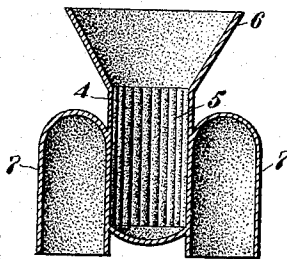
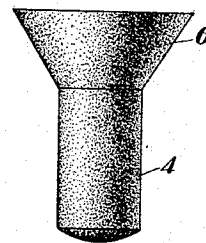


Fig. 2.

WITNESSES

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ALBERT HALLENBERG, OF FARGO, NORTH DAKOTA.

HAND MIXING-RECEPTACLE.

939,017.

Specification of Letters Patent.

Patented Nov. 2, 1909.

Application filed June 15, 1909. Serial No. 502,225.

To all whom it may concern:

Be it known that I, ALBERT HALLENBERG, a citizen of the United States, and a resident of Fargo, in the county of Cass and State of North Dakota, have invented a certain new and useful Improvement in Hand Mixing-Receptacles, of which the following is a full, clear, and exact description.

The principal objects which the present invention has in view are: to provide a receptacle for materials wherein the same may be mixed by compression of the walls of the receptacle; to provide a receptacle to receive materials to be mixed, provided with finger holds to protect the fingers, and to provide holding means for the receptacle; and also to provide a simple and inexpensive construction for the said receptacle.

One embodiment of the present invention is disclosed in the structure illustrated in the accompanying drawings, wherein like characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of a device constructed in accordance with the present invention, shown in its application to the human hand, Fig. 2 is a vertical section of the same, detached from the hand; and Fig. 3 is a side elevation of a modified form of the device.

The device is particularly designed to facilitate the mixing of certain drugs and chemicals which are injurious to, or absorbed by, the skin of the hand. In the mixing of such chemicals, it is desirable that they shall be manipulated in a manner, such as being rubbed together, as would ordinarily be performed upon a pallet, with a spatula. It is for this purpose that I construct the well 4 of pliable material, such as thin rubber. The inner surface of the well is formed with slight corrugations 5, to roll the materials when held between and when the opposite surfaces thus corrugated are rubbed together. Leading into the well 4 is an inverted, cone-shaped funnel 6, formed of material stiffer than that comprising the well 4.

The structure thus far described is that shown in Fig. 3 of the drawings. In this form the receptacle is held in the one hand, while the materials to be mixed are poured into the well 4 with the other hand. If the formula requires the manipulation of the materials within the well, this is carried on by compressing the walls of the well upon the materials and rubbing the well under the

fingers as therein held. The flare of the funnel 6 is sufficient to prevent the spilling of the materials introduced within the well 4 upon the hand holding the receptacle.

The preferred form of receptacle is that shown in Figs. 1 and 2 of the drawings, wherein the side walls of the well 4 are provided with the finger stalls 7, 7. The stalls are shaped substantially as shown in Fig. 2 of the drawings, and are formed integrally with the walls of the well 4.

When the receptacle is equipped with the stalls 7, 7, these may be introduced over a finger and thumb, or over two fingers. The contraction of the rubber of which the stalls are constructed is such that the receptacle is held firmly upon the hand of the operator. Preferably the device is placed on the hand, as shown in Fig. 1, the stalls extending over the end of the thumb and first finger, and usually of the left hand. In this position, when and as the materials to be mixed are introduced into the receptacle 4, the thumb and finger are compressed upon the wall to grasp and rub the materials contained therein. The materials being thoroughly mixed, the well is evacuated by pouring from the receptacle its contents.

In the manipulation above described, there has been no chance of the materials fouling, or otherwise being brought in contact with the skin of the operator.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A hand mixing receptacle, comprising an open-mouthed well constructed from flexible water retaining material to permit the walls thereof to be compressed the one against the other by the fingers of the operator to manipulate materials contained within said well, said walls having a corrugated inner surface adapted to assist in said manipulation.

2. A hand mixing receptacle, comprising an open-mouthed well constructed from a flexible rubber containing material to permit the walls thereof to be compressed the one against the other by the fingers of the operator to manipulate materials contained within said well, said walls having a corrugated inner surface adapted to assist in said manipulation.

3. A hand mixing-receptacle, comprising a well formed from yielding material, adapted to hold the materials being mixed and

having a funnel-shaped top leading into said well, said top being integrally formed with said well.

5 4. A hand mixing-receptacle, comprising a well formed from yielding material, and having an uneven surface on the inner wall thereof, adapted to hold the materials being mixed and having a funnel-shaped top leading into said well, said top being
10 integrally formed with said well.

5 5. A hand mixing-receptacle, comprising a well formed from yielding material, and having a corrugated surface on the inner wall thereof, adapted to hold the materials
15 being mixed, and provided with finger-holds extended from the sides thereof to receive the fingers of the operator.

20 6. A hand mixing-receptacle, comprising a well formed from yielding material, and having an uneven surface on the inner wall thereof, adapted to hold the materials being mixed, and provided with finger-holds extended from the sides thereof to receive the
25 fingers of the operator.

25 7. A hand mixing-receptacle, comprising a well formed from yielding material, and

having an uneven surface on the inner wall thereof, adapted to hold the materials being mixed, and having a funnel-shaped top leading into said well, and provided with finger-holds extended from the sides thereof to receive the fingers of the operator. 30

8. A hand mixing-receptacle, comprising a well formed from yielding material, adapted to hold the materials being mixed, and finger-stalls formed integrally with the said well and adapted to hold the fingers of the operator. 35

9. A hand mixing-receptacle, comprising a well formed from yielding material, adapted to hold the materials being mixed, and having a funnel-shaped top leading into said well, and finger-stalls formed integrally with the said well and adapted to hold the fingers of the operator. 40

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses. 45

ALBERT HALLENBERG.

Witnesses:

H. HALLENBERG,
GRACE L. MEADE.