

(No Model.)

R. E. JOHNSON.

DOLL.

No. 366,730.

Patented July 19, 1887.

Fig. 1.

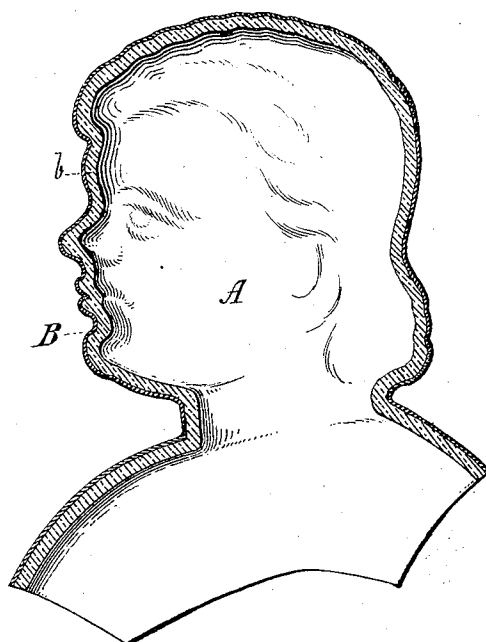
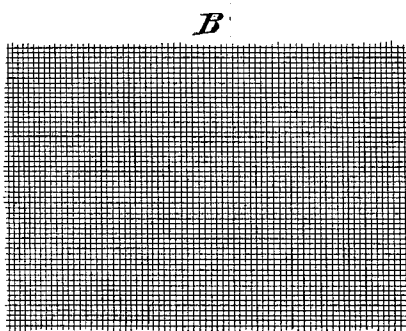


Fig. 2.



WITNESSES:

Gustave Kreischer
Frank R. Johnson

INVENTOR

Rebecca E. Johnson

UNITED STATES PATENT OFFICE.

REBECCA E. JOHNSON, OF BROOKLYN, NEW YORK.

DOLL.

SPECIFICATION forming part of Letters Patent No. 366,730, dated July 19, 1887.

Application filed October 12, 1886. Serial No. 216,001. (No model.)

To all whom it may concern:

Be it known that I, REBECCA E. JOHNSON, a citizen of the United States, residing in the city of Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Dolls, of which the following is a specification.

My invention relates to that class of dolls termed "rag" dolls.

The object of my improvements is to provide for children who are too young to handle toys with care dolls that, first, will be safe and harmless to the children using them; second, that will be practically indestructible; third, that will be pleasing to children by having a natural, life-like, and attractive appearance, and, fourth, that will not be too expensive for general use. I attain these results by the means set forth in the following description, and illustrated by the accompanying drawings, in which—

Figure 1 represents a vertical anterior posterior section of a doll's head, and Fig. 2 a piece of waxed cloth.

Similar letters refer to similar parts in the drawings.

Fig. 2 represents a piece of waxed cloth, prepared by taking thin but open-woven fabric and dipping it in melted wax, (the wax being tinged flesh color,) and then compressing it between suitable plates or rollers to thin out and smooth the wax. This waxed cloth I employ as the outside covering of the face and shoulders of the doll, as shown by B in Fig. 1. Underneath and adjacent to this flesh-tinted waxed-cloth covering I employ a suitable supporting-shell to assist in retaining the face-like and head-like form of the doll, which layer or shell *b* may consist of pressed paper, buckram, or other suitable material, and then, to aid in sustaining these two walls—namely, the waxed cloth B and shell *b*—in their original shape, the interior of the head A can be filled with any suitable non-fragile substances—as cotton, hemp, or other suitable fibrous materials. The waxed cloth B, being

light and open-woven, can be easily stretched or drawn over and made to fit the features of the doll, even if it (the waxed cloth) is not pressed into form, in connection with the adjacent wall *b*, by means of a forming-die; but the more preferable method of shaping the face and applying the waxed cloth to the face and shoulders of the doll is to place the waxed cloth B next to a shaping die or mold, and then over it (the waxed cloth) place the inner wall, *b*, and press them into form together.

The balance of the doll below the head, or that portion which is to be covered with the waxed cloth B, can be made wholly of rags. Therefore no part of the doll is composed of any material which is fragile, while at the same time the face, neck, and upper portion of the bust, by means of the flesh-tinted waxed cloth B, have all the nice flesh-like and natural appearance of an easily-broken and expensive wax doll. Besides the indestructible quality and life-like appearance resulting from the above-described method of making dolls, the children cannot themselves be injured by biting them or otherwise placing them in the mouth. Again, they are far more durable than more expensive dolls, especially for the use of younger children.

I am aware that the faces and heads of dolls which are made of plaster or other fragile materials have been covered with plain cloth to prevent the children from getting fragments of the fragile composition into the mouth. Therefore I do not claim, broadly, the covering of the head and face of dolls with plain cloth; but

What I do claim as new and useful, and desire to secure by Letters Patent, is—

In rag dolls, the combination of the waxed cloth B, supporting-shell *b*, and filling A, substantially as and for the purposes set forth.

REBECCA E. JOHNSON.

Witnesses:

FRANK E. KIRBY,
FRANK R. JOHNSON.