I. GOLDMAN.

DOLL AND METHOD OF APPLYING HAIR TO DOLLS' HEADS.

APPLICATION FILED OCT. 26, 1918.

1,311,066. Patented July 22, 1919.

Fig. 1.

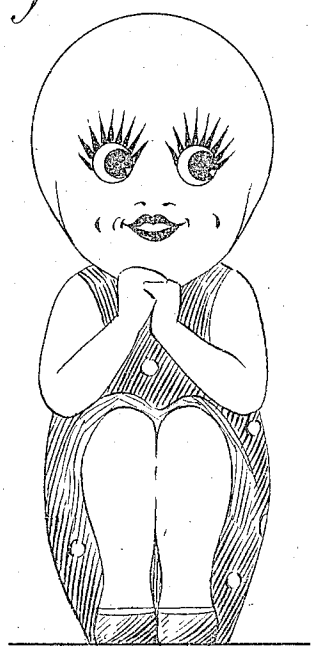


Fig. 2.



Fig. 3.

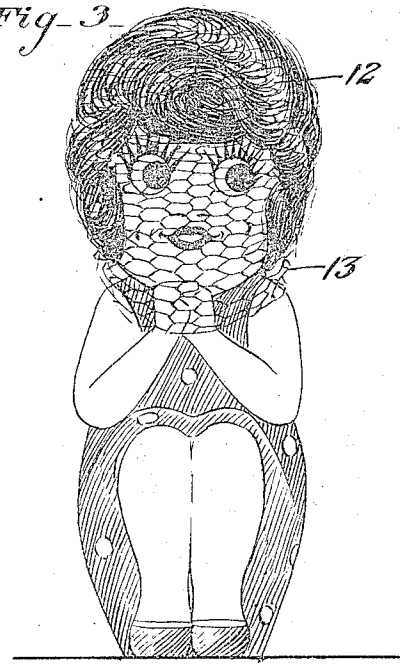
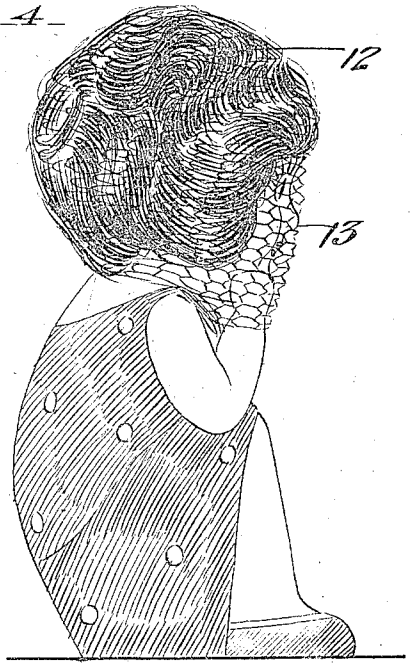


Fig. 4.



WITNESSES

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DOLL AND METHOD OF APPLYING HAIR TO DOLLS' HEADS.

1,311,066. Specification of Letters Patent. Patented July 22, 1919.

Application filed October 26, 1918. Serial No. 259,834.

To all whom it may concern:

Be it known that I, ISAAC GOLDMAN, a citizen of the United States, and a resident of the city of New York, in the county of New York and State of New York, have invented new and Improved Dolls and Methods of Applying Hair to Dolls' Heads, of which the following is a full, clear, and exact description.

This invention relates to dolls or other artificial figures made to represent or simulate human beings, and has particular reference to coiffures or hair dressings for such figures.

More specially the invention relates to a new and useful process or method of applying either natural or artificial hair to the heads of finished dolls or other figures, so as to present in such a doll or figure the most pleasing effect.

The foregoing and other objects of the invention will be more fully set forth hereinafter and specifically claimed, reference being had to the accompanying drawings of which

Figure 1 is a front elevation of a doll or statuette in substantially completed form and indicating the appearance of the figure before the hair is applied by the practice of my invention.

Fig. 2 is a side elevation of the same figure showing an intermediate stage of the application of the hair; and

Figs. 3 and 4 are respectively front and side elevations of the same figure with the process completed.

Prior to the invention or discovery of my new process of applying hair to dolls or the like it was the practice to manufacture a sort of wig, by weaving the hair on thread and sewing the woven hair or weft upon a foundation or cap of muslin or other analogous fabric, and then fastening the wig so made to the head of the doll, such fastening being effected either by gluing or otherwise fastening it to the unfinished head, such head usually being made with an opening in the top through which the eyes or other internal parts are previously put in place. It will be understood, therefore, that in this old process just mentioned the doll head without the wig or hair is in its unfinished form, and the addition thereto of the wig of hair has rarely the adaptability or capability of producing a comely and attractive figure or doll. It has also been a prior practice of applying hair to wax dolls or other figures by a process of implantation, through which the composition constituting the head was softened by the insertion of a heated needle and the hair then implanted in the hole made by the needle. Such process for certain purposes has its place in the art but lacks utility with respect to bisque heads or dolls that may be found on the market in substantially complete or finished condition.

In the practice of my invention, therefore, I am able to procure on open market or otherwise a doll or other statuette figure the head of which is in finished form as in Fig. 1, and by applying my process thereto I am able to produce from such standard and relatively cheap finished figure a totally different appearing product and one, as may be appreciated from Figs. 3 and 4, that is of vastly enhanced commercial value because of its peculiar attractiveness.

Referring now more specifically to the various steps followed in the practice of my invention I take a finished doll or the like having an imperforate or solid head and apply to the whole of the skull portion and also the side portions of the cheek adjacent to the ears a coating of fluid adhesive 10. I then select six or eight strands or bunches 11 of hair of proper color or shade, depending upon the color or shade of the other portions of the figure, and these strands or bunches of hair are then similarly applied to the portions of the head coated with the adhesive one after the other beginning first with one end of the first bunch which is applied as a bunch directly against the head at any desired location either at the top, rear, or side, and secondly, this bunch of hair is dressed or trained around or across the head in conformity with any suitable or prevalent style of hair dressing, but always so that a substantial portion of the bunch of hair will be brought into direct and permanent contact with the adhesive whereby the hair so applied will be held in essentially fixed position, but covering only a portion of the cranium. I next take a second strand or bunch of hair, which like the first will have what may be termed the root ends of the hairs lying in a substantially close space, and apply these ends of the second bunch to another portion of the cranium covered with adhesive but not yet covered with hair. The loose or flowing portion of the second bunch

is then manipulated in any suitable direction or form across the cranium, portions coming into contact either with the adhesive or else crossing a previously applied portion of hair. During the succeeding steps in which succeeding strands or bunches of hair are applied in turn starting with the root ends of the hairs being glued or cemented directly to a portion of the cranium not yet covered with hair, any bunch or strand of hair crossing or intersecting other hair is preferably held in place by any suitable fasteners such as pins which may or may not be left in place when the coiffure is completed. Since a portion of the adhesive material is applied to the sides of the cheeks in front of the ears it follows that portions of the mass of hair coming into direct contact therewith will be so fixed over those portions of the figure corresponding to the cheek bones. The attractiveness of the figure and dressing of the head is enhanced by the use of a net or veil as indicated, but I wish it to be understood that my invention is not to be limited unnecessarily by such feature.

The completed doll as shown in Figs. 3 and 4 has a finished and dressed coiffure of hair 12, which is inclosed by a net or veil 13 which is permanently secured to the head closely embracing the finished coiffure, and preferably extending over the face, whereby the coiffure is held close to the head and in dressed condition. This not only insures against any disarrangement of the finished coiffure in packing and shipping, but also presents an attractive finish and will permanently hold in position the finished coiffure.

I claim:

1. A doll having a head, strands of hair adhesively secured to the head at one end, such strands being dressed and trained to cover other portions of the head and adhesively secured thereto at points intermediate their ends; adjacent strands covering and adhesively secured to different parts of the head and presenting the appearance of a finished coiffure.

2. A doll having a head, strands of hair adhesively secured to the head at one end, such strands being dressed and trained to cover other portions of the head and adhesively secured thereto at points intermediate their ends; adjacent strands covering and adhesively secured to different parts of the head and presenting the appearance of a finished coiffure and a net or veil permanently secured over the finished coiffure.

3. The herein described process of applying natural or similar hair to finished heads, the process comprising first the application of a coating of fluid adhesive over the cranium of the head; secondly, applying the root ends of a strand or bunch of hair in a closely related group to a selected portion of the cranium so coated; thirdly, the manipulation in a skilful and artistic manner of the flowing portion of such strands or bunch around and over the cranium bringing other portions of the hair into direct and permanent contact with the adhesive, and finally applying succeeding strands or bunches of hair similarly, the flowing portion of each succeeding bunch being dressed or manipulated so as to intersect the strands of previously applied hair as well as parts of the cranium having adhesive but not hair.

ISAAC GOLDMAN.