No. 875,954. PATENTED JAN. 7, 1908.

E. E. ROUECH.

DOLL.

APPLICATION FILED FEB. 19, 1906.

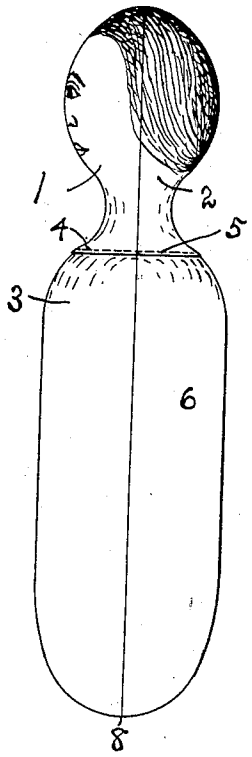



FIG. 1.

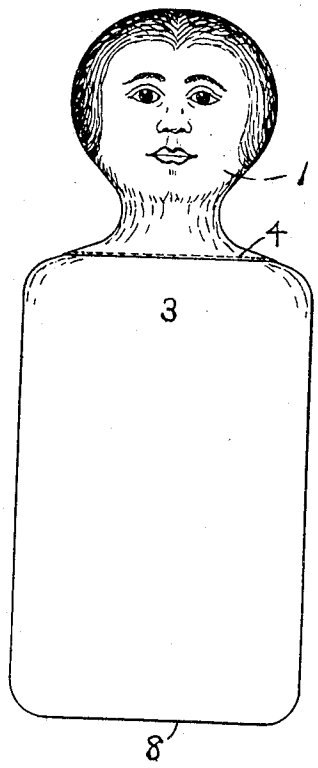



FIG. 2.

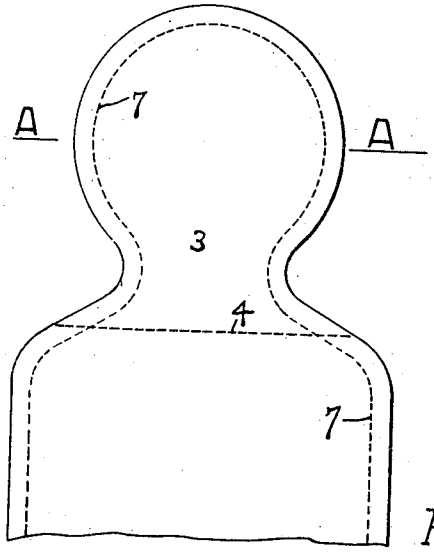



FIG. 3.

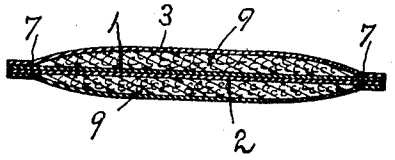



FIG. 4.

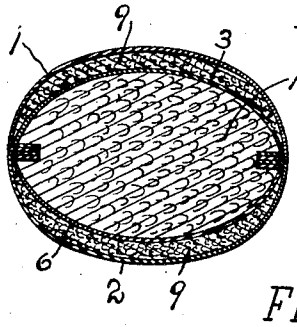



FIG. 5.

Witnesses:
Geo. W. Barnes.

Inventor
By his Attorney E. E. Rouech.
Edward N. Pagelsen.

# UNITED STATES PATENT OFFICE.

EDWARD E. ROUECH, OF DETROIT, MICHIGAN, ASSIGNOR, BY MESNE ASSIGNMENTS, TO CHARLES J. HOLTON, OF DETROIT, MICHIGAN.

## DOLL.

No. 875,954. Specification of Letters Patent. Patented Jan. 7, 1908.

Application filed February 19, 1906. Serial No. 301,739.

*To all whom it may concern:*

Be it known that I, EDWARD E. ROUECH, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented a new and Improved Doll, of which the following is a specification.

My improvement relates to the manufacture of dolls of which the whole or larger portion of the body is made of cloth, which is stuffed with saw-dust, excelsior, cotton-batting or similar substances, and the object of my improvement is to provide a doll of this kind in which the face and the back of the head may be of a different material from the body portion, and in which a separate padding is inserted between the face and body portions, and if desired, between the back of the head and body portion.

My invention consists in forming a doll body with a separate face, the material of the face being secured at the same seam that unites the front and back of the body; it consists further in placing a thin sheet of soft resilient material, such as soft cotton-batting, between the face portion and the body of the doll so that any irregularities in the filling of the body, or in the coarseness of the material of which the body is made will not be noticed.

In the accompanying drawing Figure 1 is a side and Fig. 2 a front view of a trunk of a doll embodying my invention. Fig. 3 is an enlarged view of the material of the body sewed together, ready to be turned. Fig. 4 is a cross section on the line A—A of Fig. 3. Fig. 5 is a cross section on the same line after the body has been turned and filled.

Similar reference characters refer to like parts throughout the several views.

Dolls of the kind indicated above, usually known as "rag dolls" have long been made by printing the head ends of the two pieces of cloth that form the body, to represent the face and back of the head. This necessitated that the whole body be formed of fine material, for otherwise the face would be poorly expressed because of the coarse material used. In my present construction I form the face portion 1 of the doll of fine soft cloth, such as mercerized cotton, and after proper treatment, print the features by means of a photographic process. I may form the back 2 of the head in a similar manner, but this is not so essential, as a representation of hair can be printed directly onto the coarser material in any other desirable manner. The face is then stitched to the body front 3 along the line 4, and if a separate back of head is to be used, this is stitched in a similar manner along the line 5. Thin sheets of batting 9 or other desirable soft material are placed between the parts 1 and 3 and between the part 2 and back of body 6, and the parts are placed together as shown in Figs. 3 and 4, the outer printed sides of the face and back being placed against each other. The parts are then sewed together along the line 7. After this has been done, the body is turned inside out, thus bringing the portions of the cloths beyond the seams inside as shown in Fig. 5. The body is then filled with the desired material 10, such as sawdust, bran, excelsior or cotton-batting, and the end 8 closed by hand sewing. It will be seen that this forms a smooth even side seam for the head; it produces a smooth, soft face and back; it permits a perfect photographic likeness to be secured on to a body of cheap material; and its cost is very low. Instead of mercerized cotton, silk or other smooth material can be used, and the features may be printed thereon by other than photographic process, although I consider that process the best.

The arms and legs of the doll are secured to the body in any desirable manner, but this forms no part of my present invention.

Having now explained my improvement, what I claim as my invention and desire to secure by Letters Patent, is—

1. In a doll, the combination of a body composed of two complementary parts adapted to form the front and back, said parts being secured together by a seam having the free edges turned inwardly, a separate face and back secured to the front and back of the body respectively at their lower edges, and secured at the remainder of their edges between the edges of the body portions, the edges of the separate face and back being inturned as are the edges of the body portions, and sheets of soft material placed between the separate face and back and the body portions respectively.

2. In a doll, the combination of a body composed of two complementary parts adapted to form the front and back, said parts being secured together at their edges with inturned edges, a separate photographic face secured at the bottom to the outside of the front of the body, and at the remainder

of its outer edge between the inturned edges of the portions of the body, and a sheet of soft material placed back of the separate face.

3. In a doll, the combination of a body composed of two complementary parts adapted to form the front and back, said parts being secured together with inturned edges, and a separate face secured at its outer edge between the inturned edges of the portions of the body.

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

EDWARD E. ROUECH.

Witnesses:

GERTRUDE B. RATTENBURY,

EDWARD N. PAGELSEN.