

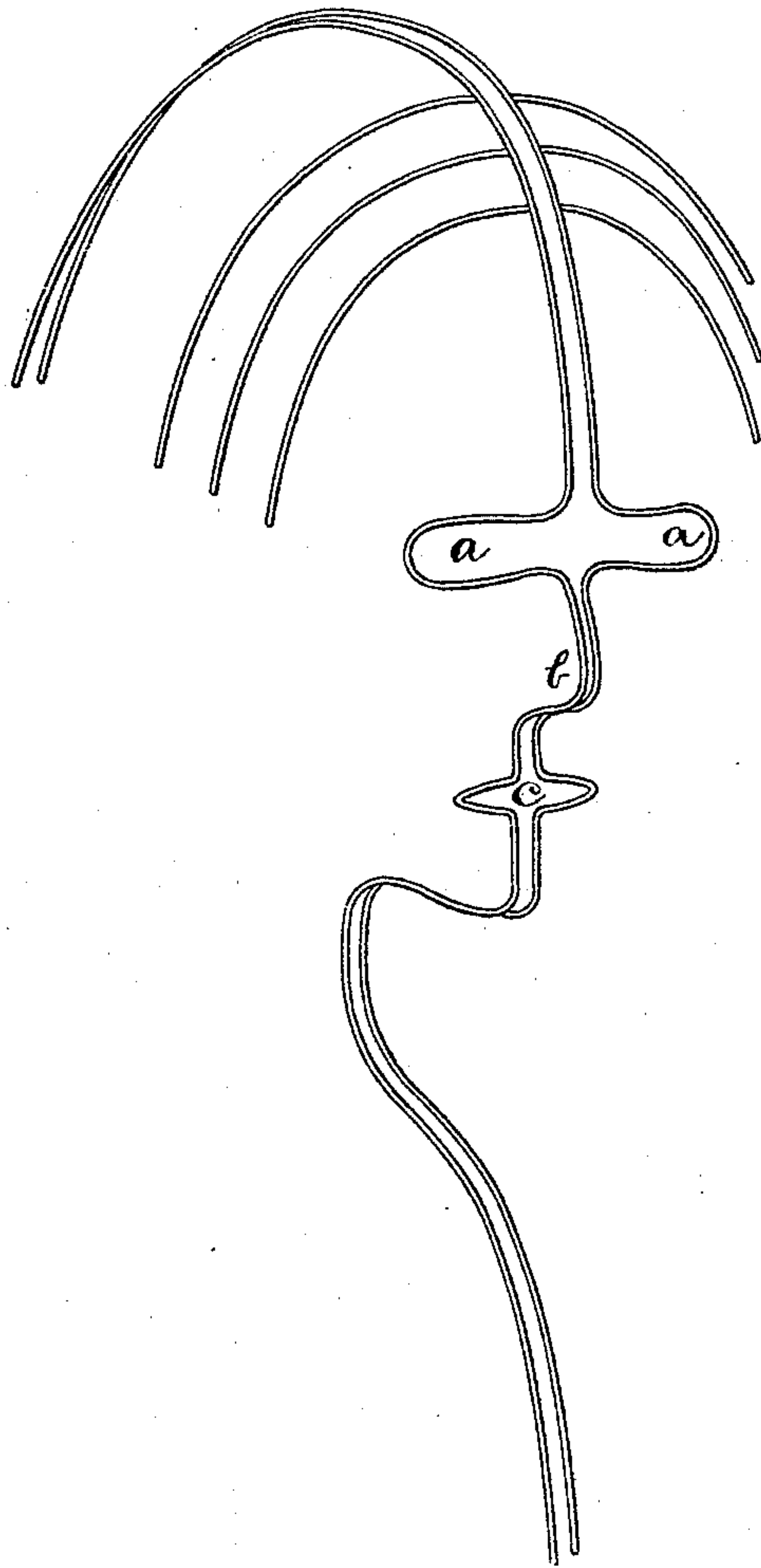
(No Model.)

M. L. WELLINGTON.

DOLL.

No. 285,448.

Patented Sept. 25, 1883.



Witnesses.

Edwin Gordon  
Chas F Perkins

Inventor.

Martha L. Wellington  
by Chas H. Drew  
Atty.

# UNITED STATES PATENT OFFICE.

MARTHA L. WELLINGTON, OF BROOKLINE, MASSACHUSETTS.

## DOLL.

SPECIFICATION forming part of Letters Patent No. 285,448, dated September 25, 1883.

Application filed January 8, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, MARTHA L. WELLINGTON, of Brookline, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Dolls, of which the following is a specification.

My invention has for its object the production of dolls and animal forms of all kinds by a new method, whereby greater durability, lightness, and resemblance to nature result than by any other process of producing the same known to me. I have applied my invention especially to the manufacture of dolls, and shall describe it as applicable thereto; but it is evident that animal forms may be made in substantially the same way.

In making a doll in accordance with my invention I use a frame of wire substantially of the form shown in the drawing, in which *a* represents the sockets for the eyes, *b* the place for the nose, and *c* that for the mouth, which frame is to extend down to about the middle of the body. I next provide a cylindrical piece of stockinet or other elastic fabric, preferably knit, as a woven fabric would be inelastic, and therefore not well adapted to my purpose, and of a length equal to the length of the head and body of the doll to be made. This is to be stuffed with cotton-batting or other substance which is soft and yielding, the wire frame having first been placed in that end of the piece of stockinet which is to be the head of the doll, and the ends are to be sewed up. The eyes, eyebrows, nose, mouth, and chin are then to be formed by compressing or molding the stuffed stockinet upon the

wire frame above mentioned, securing the portions thus compressed or molded by sewing. The ears are to be also molded in the same way; but no frame is provided for them, it being unnecessary. The neck is to be formed by drawing in the fabric. The limbs are to be made in the same way as described for the head and body, the fingers and nails being first molded and then sewed. The limbs are to be secured to the body by attaching a piece of linen to them under the stockinet, extending, in the case of the legs, a little below the knee, and in the case of the arms a little below the elbow, by means of which the limbs are secured to the body.

When the various parts of the doll have been formed in the manner described, the whole is to be painted with proper colors, so as to resemble nature. Oil colors are preferably to be used. I have found that the paint will fill the interstices of the stockinet, so as to make a firm and substantial surface, and that, at the same time, the pliability of the original fabric is preserved, so that the doll has not the rigidity which dolls have as now made.

What I claim, and desire to secure by Letters Patent, is—

As a new article of manufacture, a doll constructed of a wire frame bent into the contour of the head, face, and neck, said frame covered with stockinet, stuffed, painted, and sewed in the manner described.

MARTHA L. WELLINGTON.

Witnesses:

AVERY WELLINGTON,  
CHAS. H. DREW.