

C. WIEGAND.
DOLL-HEADS.

No. 177,777.

Patented May 23, 1876.

Fig. 1.

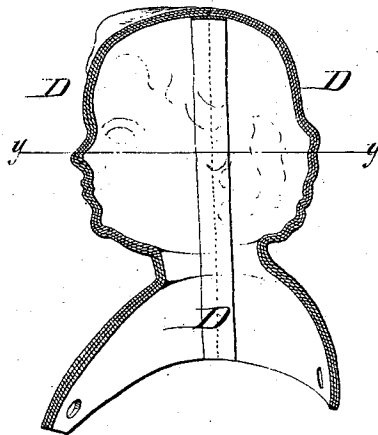
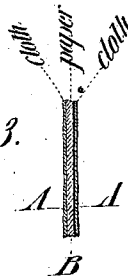
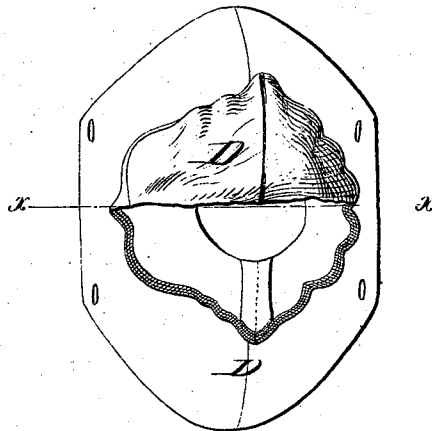


Fig. 2.



WITNESSES:

John Goethals
Alfred Surcott.

Fig. 3.

INVENTOR:

C. Wiegand
BY *[Signature]*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CARL WIEGAND, OF NEW YORK, N. Y.

IMPROVEMENT IN DOLL-HEADS.

Specification forming part of Letters Patent No. 177,777, dated May 23, 1876; application filed March 13, 1876.

To all whom it may concern:

Be it known that I, CARL WIEGAND, of the city, county, and State of New York, have invented a new and Improved Doll-Head, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical central section of my improved doll-head, taken on the line *x x*, Fig. 2. Fig. 2 is a top view of the same, partly in section, on line *x x*, Fig. 1; and Fig. 3 is a detail section of the sheets or layers of which the doll-heads are formed.

Similar letters of reference indicate corresponding parts.

My invention relates to such improvements in the manufacture of doll-heads that they may be made light and cheap, yet strong and durable, being capable to resist by their elasticity in a higher degree the wear to which they are exposed.

The invention consists of a doll-head that is molded of sections made of interior layers of paper or pasteboard and outer layers of muslin, that are jointed by a paste of suitable consistency.

In the drawing, D represents a doll-head that is formed in the customary manner of two sections that are separately pressed in molds and cemented together. The body of the doll-

head is made of one or more interior layers, B, of paper or pasteboard, covered by outer layers A of muslin or similar fabric. The layers are connected by a suitable paste and exposed in moist state to the molds, forming, when dry, a stiff, yet elastic and durable, material for doll-heads and similar purposes. The outer layer, which is painted in the required colors, is made of a muslin or fabric of finer texture than the inner covering.

The use of an intermediate re-enforcing layer of paper or pasteboard in connection with the jointing-paste, renders the dolls strong and durable, as it imparts to them sufficient stiffness to resist the wear to which they are exposed, while lightness and cheapness are obtained at the same time.

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

A doll-head that is molded in sections of a material composed of two or more layers of textile fabric with an intermediate layer of paper, substantially as described.

CARL WIEGAND.

Witnesses:

PAUL GOEPEL,
T. B. MOSHER.