

D. G. BROWN.

DOLL.

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1,065,776.

Patented June 24, 1913.

Fig. 1

Fig. 4

Fig. 5

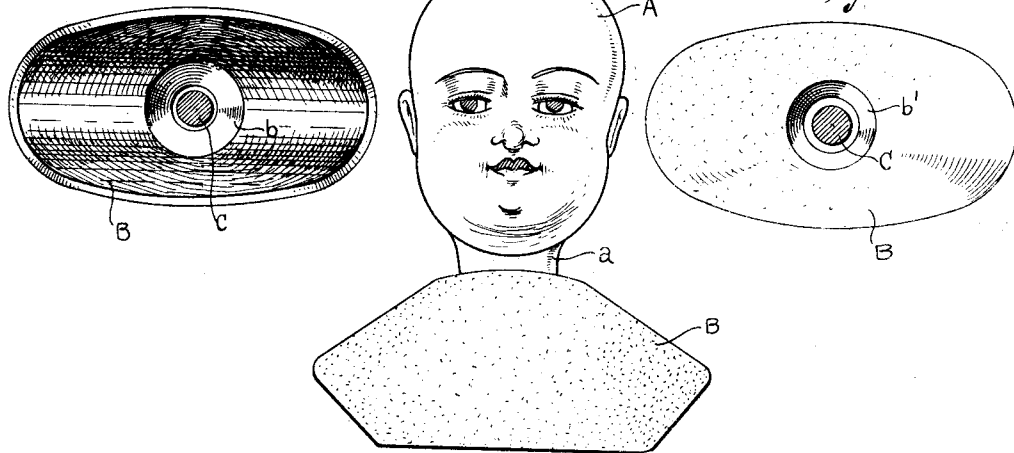
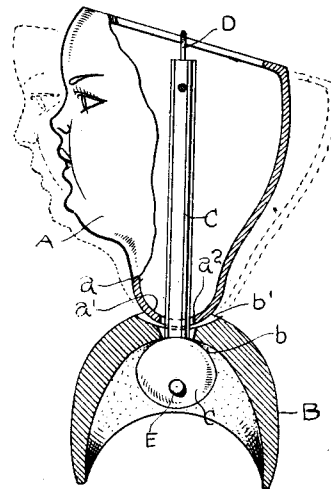
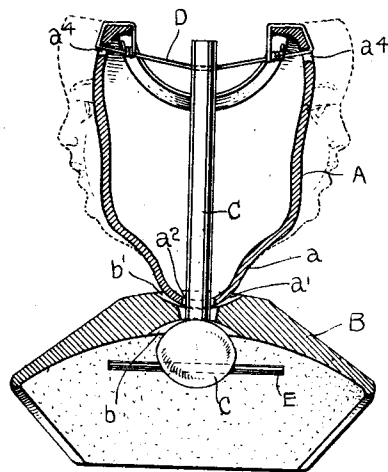


Fig. 2

Fig. 3



WITNESSES

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DAISY G. BROWN, OF CHALLIS, IDAHO.

DOLL.

1,065,776.

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To all whom it may concern:

Be it known that I, DAISY G. BROWN, of Challis, in the county of Custer and State of Idaho, have invented certain new and useful
5 Improvements in Dolls; and I hereby declare the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form part of this specification.

10 This invention is an improvement in dolls, and has particular reference to means for movably attaching the head to the shoulder piece or body, and is particularly designed for use in connection with dolls having kid
15 or cloth bodies.

Heretofore heads for kid or cloth body dolls have been made integral with the shoulder piece, and were therefore rigid when attached to the body. By my invention the head is movably attached to the
20 shoulder piece and can be turned right or left, and also adjusted slightly forward or backward, making it much more natural in appearance and more pleasing to children
25 on account of such adjustment.

The invention may also be used for attaching heads to ordinary papier-mâché bodies such as commonly used with jointed dolls.

In the accompanying drawings I have
30 illustrated a head attached to a shoulder piece in accordance with my invention and will explain the invention with reference thereto although I do not consider the invention restricted to any particular form of
35 head or shoulder piece, nor to the use of the invention solely in connection with head and shoulder pieces.

In said drawings—Figure 1 is a front view of a doll's head and shoulder piece
40 such as may be used in connection with kid or cloth bodies. Fig. 2 is a vertical section therethrough. Fig. 3 is a vertical section through Fig. 2. Fig. 4 is a bottom plan view of the shoulder piece. Fig. 5 is a top
45 plan view thereof.

In said drawings A designates a doll head, and B a shoulder piece. The head may be of the usual construction, and provided with a neck *a* having a rounded end *a'*
50 which is seated in a concavity *b'* in the top of the shoulder piece B. Below the concavity *b'* in the under side of the shoulder piece I preferably form a concavity *b* in which is loosely fitted the globular or partly
55 globular head *c* of a rod C which extends upwardly through the shoulder piece and into

the head through an opening *a²* in the lower end of the head; the upper end of rod C is fastened to the head, preferably near the upper end thereof, by means of a wire or
60 cord D which may be passed through an opening in the upper end of the rod and through openings *a¹* in the sides of the head as shown. In this manner the head A is
65 neatly but adjustably attached to the shoulder piece B by a substantially universal-joint connection and such connection permits the head to be turned to the right or left as indicated in dotted lines in Fig. 2; and it can also be tilted slightly forward or
70 backward as indicated in dotted lines in Fig. 3; and to enable this to be done more readily I preferably make the opening *a²* in the lower end of the head larger in diameter than the rod C so that the head can be tilted
75 farther than the rod itself in any direction. This connection is very simple; can be very easily applied; and does not require any special tools.

Instead of a wire D a resilient cord may
80 be used which will compensate for any play between the head and shoulder piece and prevent binding therebetween in the ordinary adjustments of the head.

If desired a pin, as E, may be attached to
85 the ball *c*, or the lower end of the rod C to limit the turning of the head to right or left, by striking against the front or rear walls of the shoulder piece. The position of this pin may be varied within the scope of the
90 invention, and I do not consider my invention limited to its use in all cases.

What I claim is:

1. In combination, a body or shoulder piece, and a doll's head; a member inserted
95 through the shoulder piece and extending into the head, and having a substantially universal-joint connection between its lower end and the shoulder piece, and a loose connection between the upper end of the mem-
100 ber and the head.

2. In combination, a doll's body or shoulder piece having an opening in its top and a concavity at the upper end of said opening; a doll's head having a rounded neck adapted
105 to rest in the said concavity, a rod having its lower end loosely confined to the body and extending upwardly therethrough into the head, and a resilient connection between the upper end of said rod and the head.

3. In combination, a doll's body or shoulder piece having an opening in its top and
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- concavities at the upper and lower ends of said opening, a doll's head having a rounded neck adapted to rest in the upper concavity of the body, a rod having its lower end loosely confined in the lower concavity of the body or shoulder piece and extending upwardly therethrough into the head, and a connection between the upper end of said rod and the head.
- 10 4. In combination, a body piece and a head piece, a rod having an enlargement on its lower end inserted through the body piece into the head and forming a substantially universal-joint connection between the rod and body, and means above the body 15 connecting the rod and the head.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

DAISY G. BROWN.

Witnesses:

LUCILE M. SMUTY,
MABEL R. MICHAEL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."