M. V. ANDERSON.

PAPER TOY.

APPLICATION FILED MAR. 28, 1913.

1,176,637.

Patented Mar. 21, 1916.

2 SHEETS—SHEET 1.

Fig. 1

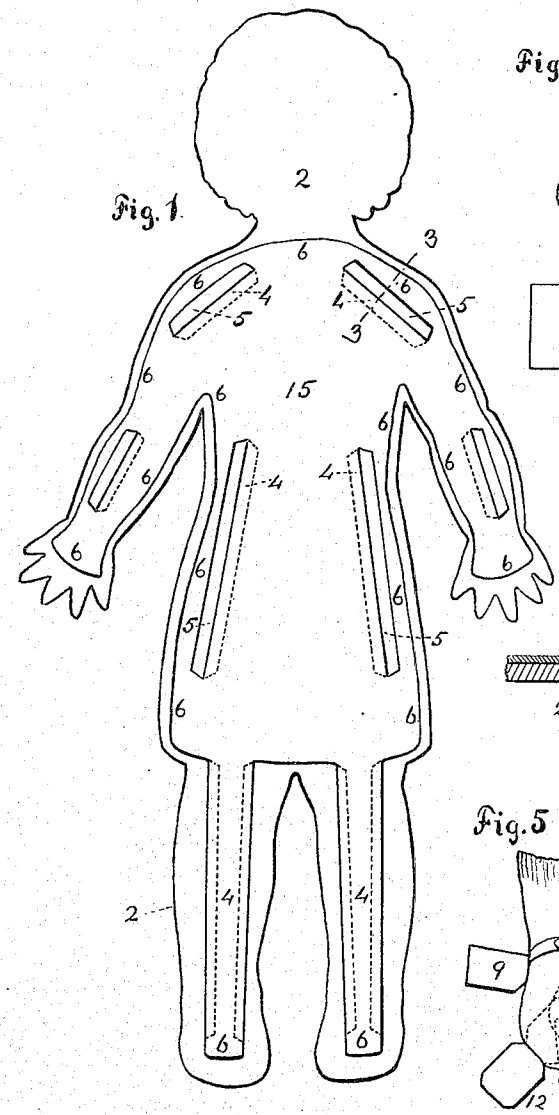


Fig. 2

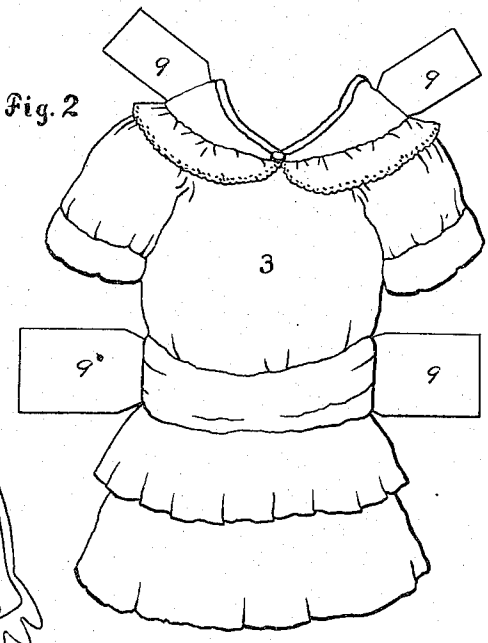


Fig. 3

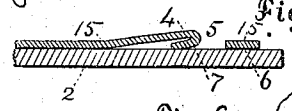


Fig. 6

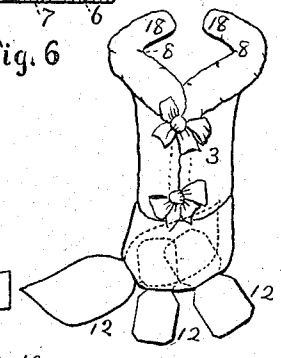


Fig. 5

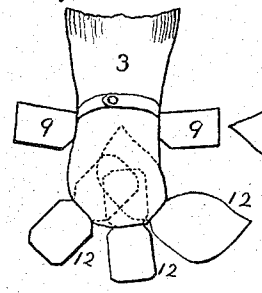
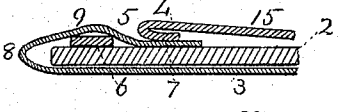


Fig. 4



Witnesses

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2 SHEETS—SHEET 2.

Fig. 7

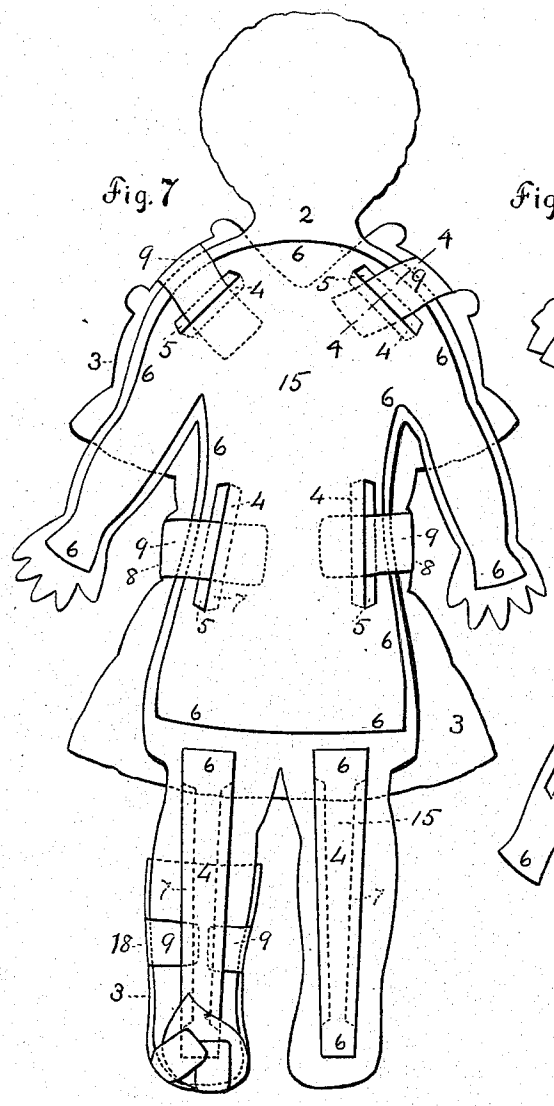


Fig. 8

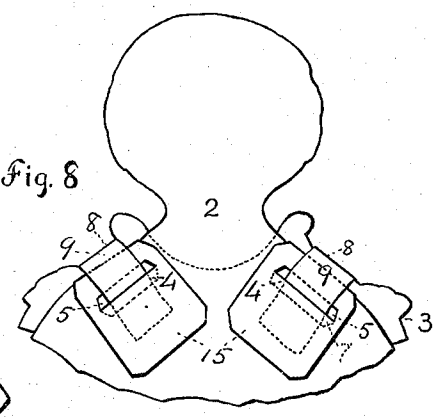
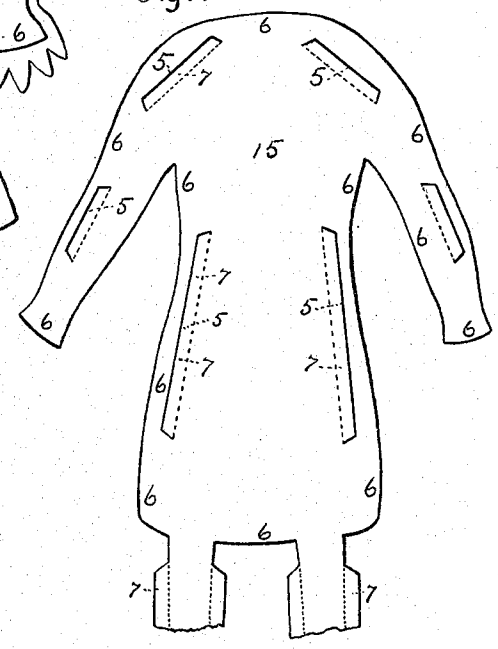


Fig. 9



Witnesses

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PAPER TOY.

1,176,637. Specification of Letters Patent. Patented Mar. 21, 1916.

Application filed March 28, 1913. Serial No. 757,453.

To all whom it may concern:

Be it known that I, MARY VIRGINIA ANDERSON, citizen of the United States, and resident of Washington, District of Columbia, have made a certain new and useful Invention in Paper Toys; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a rear view of a paper doll having the invention applied thereto. Fig. 2 is a front view of the paper article of clothing before it is applied to the doll. Fig. 3 is a detail sectional view taken on the line 3—3, Fig. 1. Fig. 4 is a detail sectional view taken on the line 4—4, Fig. 7. Figs. 5 and 6 are detail views of paper shoes before they are applied to the doll, the tabs being shown as reversely turned in dotted lines. Fig. 7 is a rear view of a paper doll having the invention applied thereto, and showing the paper articles of clothing in place and the tabs engaged and held down. Fig. 8 is a rear view of a part of the doll, showing a modification in which the holding seats are provided by opposite tabs attached to the doll. Fig. 9 is a detail face view of the rear attachment, the reinforcing flaps being in the first position before being reversely turned, and the leg attachment pieces to hold the shoe tabs being shown as connected to the body piece.

The invention has relation to devices to facilitate connecting and disconnecting flat paper toys, which are normally disconnected, such as paper dolls and their dresses, and it consists in the novel construction and combinations of parts, as hereinafter set forth.

The object of the invention is to provide these paper toys with devices of connection and disconnection, which shall be readily appreciated and understood by young children, easily applied and operated and sufficiently stable and retentive to serve the purposes of manipulation and use in playing therewith.

In the accompanying drawings, illustrating the invention in connection with a paper doll and paper clothing, the numeral 2, indicates a flat paper doll, and 3, a flat paper dress or appurtenance to be connected to the doll in the manner desired. The doll 2, is provided at its back with elongated overlying bearings 4, near its opposite lateral margins, these bearings being in contact with the doll surface and having lateral entrance openings or slots 5. In the construction shown, these bearings are provided by means of an attachment paper 15, having the general shape of the body of the doll or part thereof, and being designed to be attached to the back surface of the doll, by means of adhesive applied to its marginal or end portions, as indicated at 6. Slots or openings 5, of elongated form, are provided near the opposite edges of the attachment paper; these slots or openings extending in the general direction of the edge of the doll, in such wise as to be substantially parallel thereto.

The attachment paper and the back surface of the doll are normally in compressive or frictional contact and provide seats for holding tabs or projections of the paper article of dress. Usually the paper of the attachment is turned back or inward along the entrance edge of the overlying bearing so as to provide a fold or flange 7, to bear against the doll surface, the object being to reinforce this entrance or slot, to provide a spring like pressure to increase the friction and to facilitate entering the small tabs of the clothing articles. The reinforcing flanges are therefore folded back on the side of the attachment piece to which the adhesive is applied, or which is next the back of the doll. In these devices it is intended to leave the front surface of the doll intact, and the holding seats are therefore removed therefrom although parallel thereto.

In the manufacture, the infolding flange may be printed in outline in connection with the attachment piece, and sometimes it is designed to print on a sheet of paper the outlines and markings of the attachment piece and representations of articles of clothing or appliances having suitable tabs or projections for use as hereinafter indicated.

The paper article 3, to be applied to the doll, being, as indicated, the representation of a short dress or of a shoe or stocking, is designed to have proper size and shape to suit the outline of the doll and extend over its front. And at such points as naturally fit closely, as the waist or shoulders of the

dress, projecting tongues or tabs 9, are provided extending outward from opposite sides of the dress in directions respectively normal, or nearly so, to the edge of the dress at these points. These tabs are designed to be turned or bent back at the margin of the dress, or they may extend normally backward or toward each other to embrace the edges of the doll as indicated at 18. The projections or tabs should be long enough to engage the overlying bearings at the back of the doll on opposite sides, and, when so engaged, to prevent casual disengagement. To this end, the length of that portion of each tab which extends into the holding seat beyond the entrance of the bearing, is designed to be greater than the lateral play of the dress on the doll, so that each tab will operate at its bend 8, as a stop to prevent casual disengagement of the opposite tab. In other words, opposite tabs of the dress extend toward each other, and their bends or connections to the dress are a certain distance apart which is necessarily greater than the distance between the bearings therefor on the doll. At the same time the length of these tabs is such that the distance between the bend of one tab and the free end of its opposite tab is less than the distance between said bearings, so that the dress may be moved laterally on the doll without escaping from the bearings, each tab by engagement of its bend with the marginal portion of a bearing acting as a stop in that regard. Stop tabs as indicated at 12, to be connected at the back, are usually provided to prevent undue movement. In this manner it is designed to provide protected means for holding such flat paper toys together so as to be practically secure for all purposes of play; and at the same time to provide for ready and easy disconnection, as the tabs are sufficiently flexible for their withdrawal from the holding seats. The length of the slots or entrances of the holding seats is sufficient to allow for play in the manipulation of the paper articles in order to avoid straining or tearing. These long bearings provide also for adjustment and facilitate the attachment of several articles of clothing one over another. The bearings have a bracing action on the tabs, when the dress is connected to the doll, and as the tabs are mainly hidden or inclosed, they are not liable to be casually torn or displaced, and a neat appearance is presented.

What I claim is:—

1. In a paper doll, a paper attachment connected to the back of the doll and located in rear of and parallel to its plane, said attachment having as an integral part thereof an elastic tab holding means normally in contact with the rear surface of the doll and adapted to receive the tab of a paper article of clothing between the doll and the holding means.

2. In a paper doll, a paper article of clothing provided with reversely turned tabs, and a paper attachment connected to the back of the doll and located in rear of and parallel to its plane, said attachment having elongated openings substantially parallel to its lateral edges and elastic inner margins for said openings forming an integral part of said attachment, said inner margins being normally in contact with the rear of the doll and capable of being raised by said tabs when engaged with said openings to elastically hold said tabs pressed against the doll surface.

3. In a paper doll, a paper attachment connected to the back of the doll and located in rear of its plane, said attachment having elongated openings substantially parallel to its lateral edges and elongated tab-holding reversely turned inner reinforcing marginal folds for said openings, beneath which the tabs of a paper article of clothing are held when engaged with said openings.

In testimony whereof I affix my signature, in presence of two witnesses.

MARY VIRGINIA ANDERSON.

Witnesses:

MAUD F. ANDERSON,

GEORGE M. ANDERSON.

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