No. 723,438. PATENTED MAR. 24, 1903.

K. V. BETTS.

PAPER DOLL.

APPLICATION FILED DEC. 30, 1902.

NO MODEL.

Fig.1

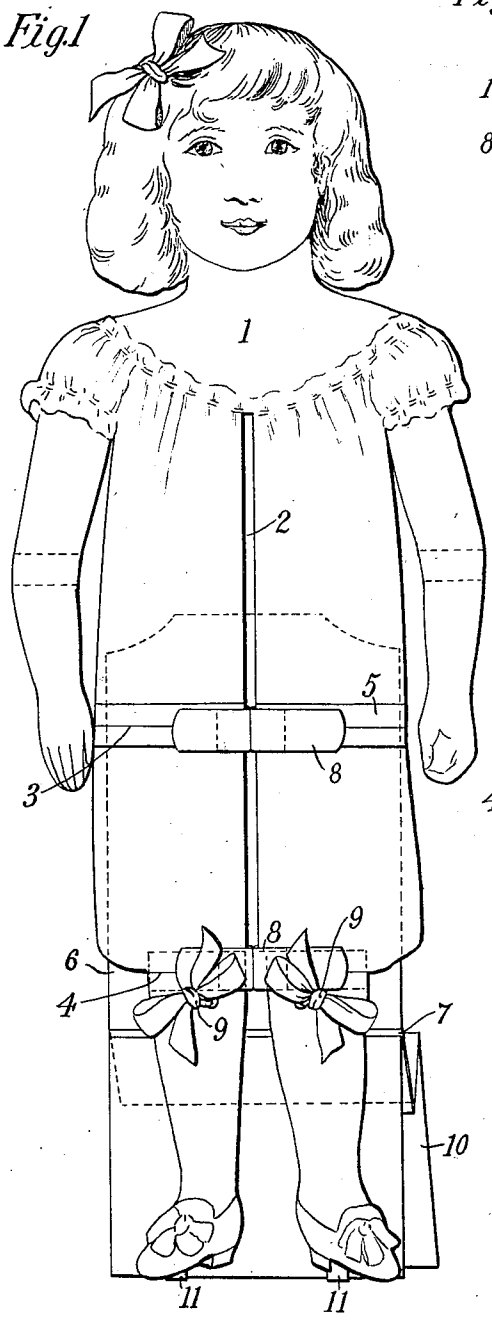



Fig. 3

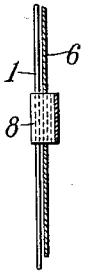
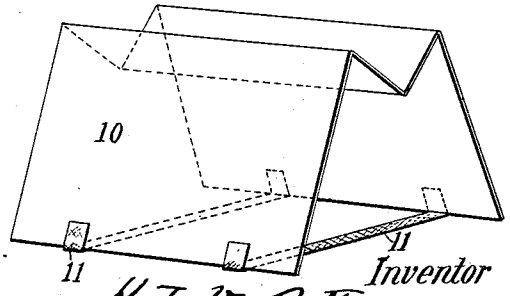



Fig.2




Fig.4




Witnesses:
Ralph Lemlan Kelly
Emily Hillenmayer

Inventor
Kate V. Betts,
by Ernest Hopkinson her Atty

# UNITED STATES PATENT OFFICE.

KATE V. BETTS, OF EAST ORANGE, NEW JERSEY.

## PAPER DOLL.

SPECIFICATION forming part of Letters Patent No. 723,438, dated March 24, 1903.

Application filed December 30, 1902. Serial No. 137,214. (No model.)

*To all whom it may concern:*

Be it known that I, KATE V. BETTS, of 345 William street, East Orange, county of Essex, State of New Jersey, have invented a new and useful Improvement in Dolls, of which the following is a specification.

The present invention relates to dolls made out of flat sheet material, such as paper, cardboard, or similar material.

The object of the invention is to provide a doll of the character described which shall be susceptible of being placed in different positions simulating those of the human body. The ordinary paper doll can only stand upright when propped up, leaning bodily on a support. With my construction the doll is able to maintain either a standing or sitting position at will.

In the drawings I have illustrated a construction illustrating my invention, in which—

Figure 1 is a front elevation view. Fig. 2 is a perspective view showing the doll in sitting posture. Fig. 3 is a detail view in section of a portion of the sliding member. Fig. 4 is a perspective view of the supporting device.

Like figures of reference refer to like parts in the several views of the drawings.

Referring to the drawings in detail, 1 designates the doll, which is made of suitable sheet material, such as cardboard, and is longitudinally divided by the central slot 2. At portions of the body of the doll substantially corresponding to the hip and knee joints there are provided bending-lines, that at the hip-joint being designated by the numeral 3 and those of the knee being designated by the numeral 4. Where the doll is made of cardboard, these bending-lines consist simply of a crease reinforced by some flexible material, such as linen or muslin, this reinforcing-strip at hip-joint being designated in the drawings by the numeral 5. 6 designates the movable bracing-piece, which is provided with a flange 7 at its lower end for the purposes hereinafter described. The sliding member is provided with engaging pieces 8, which project through the longitudinal slot and are bent over parallel with the plane of the body of the doll, loosely engaging both sides of the longitudinal slot 2.

The proportions of the doll and the size of the bracing-piece are such that when the bracing-piece is in its lowermost position (indicated in Fig. 1) it will overlap both the hip and knee bending lines, making them practically rigid. The bracing-piece will come to rest at its lowermost position upon any suitable stops, the bows 9 serving this purpose in the construction illustrated in the drawings. When the bracing-piece is in this position, the doll will assume and maintain an upright position by the flap or flange 7 of the bracing-piece resting in the groove of the support 10. To permit the doll to assume and maintain a sitting posture, the bracing-piece is moved to its uppermost position. (Indicated in Fig. 2.)

The support 10 preferably consists of a suitable sheet of material, such as cardboard, creased and folded on its upper surface to present a groove for the flap or flange 7, and two side pieces of the support being connected at their lower edges by connecting-strips 11.

What is claimed as new is—

1. A doll of sheet material provided with one or more bending-lines and a movable bracing-piece, substantially as specified.

2. A doll of sheet material provided with hip and knee bending lines and a movable bracing-piece designed to overlap both hip and knee bending lines in order to render the doll rigid.

3. A doll of sheet material and provided with a longitudinal central slot, a movable bracing-piece having engaging members projecting through said slot.

4. A doll of sheet material provided with a central longitudinal slot, bending-lines at hip and knee portions, a movable bracing-piece provided with engaging members projecting through the slot.

5. A doll of sheet material and provided with a movable bracing-piece and a support upon which said bracing-piece rests.

6. A doll of sheet material having knee and hip bending lines, a movable bracing-piece and a support upon which said movable bracing-piece rests.

In witness whereof I have hereunto set my hand this 15th day of December, 1902.

KATE V. BETTS.

Witnesses:
ANNA E. LINDSAY,
MONTGOMERY LINDSAY.