

T. E. WOOD.
JOINTED CUT-OUT FIGURE.
APPLICATION FILED MAR. 28, 1905.

Fig. 1. IV ←

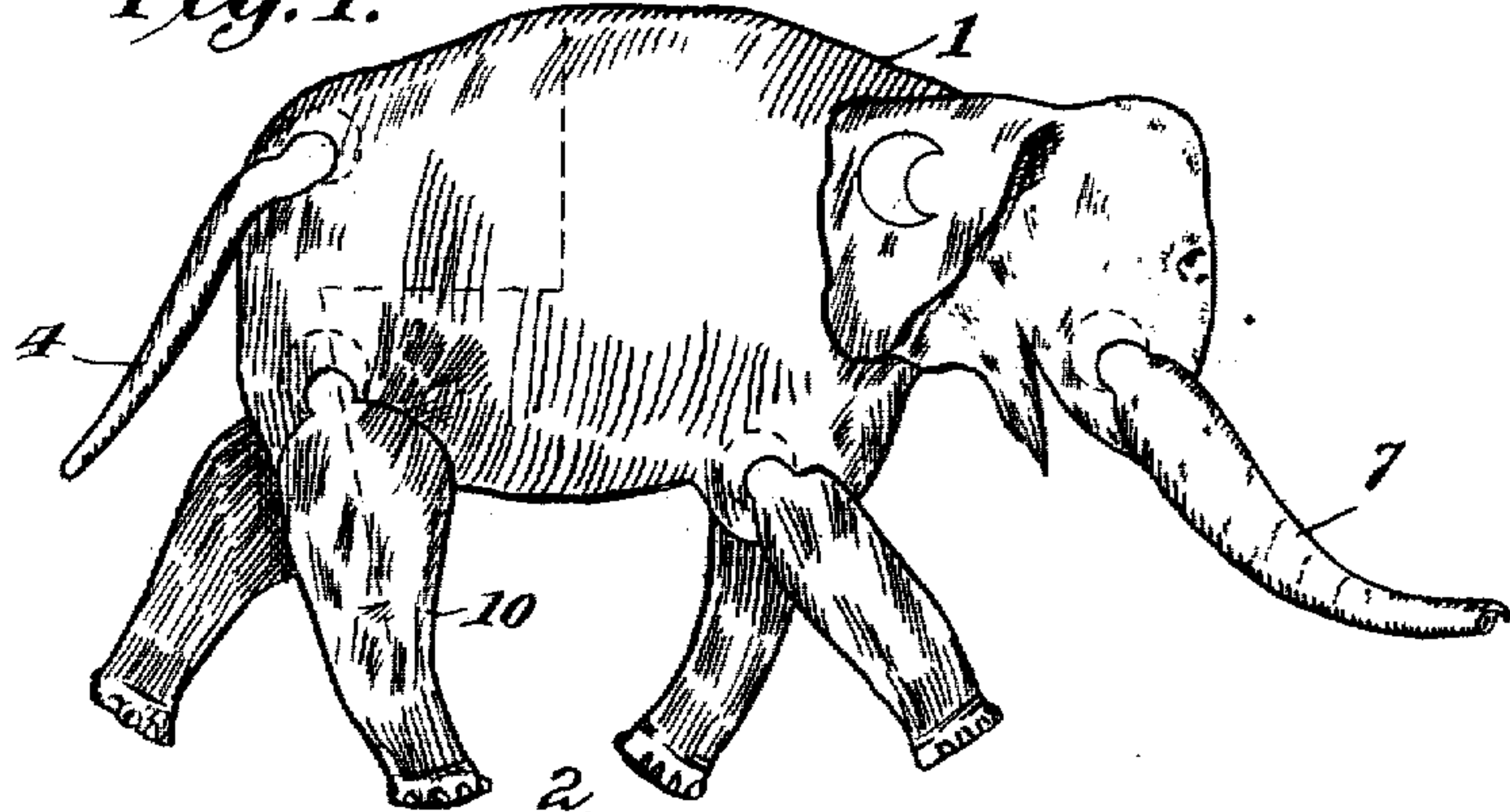


Fig. 2. IV ←

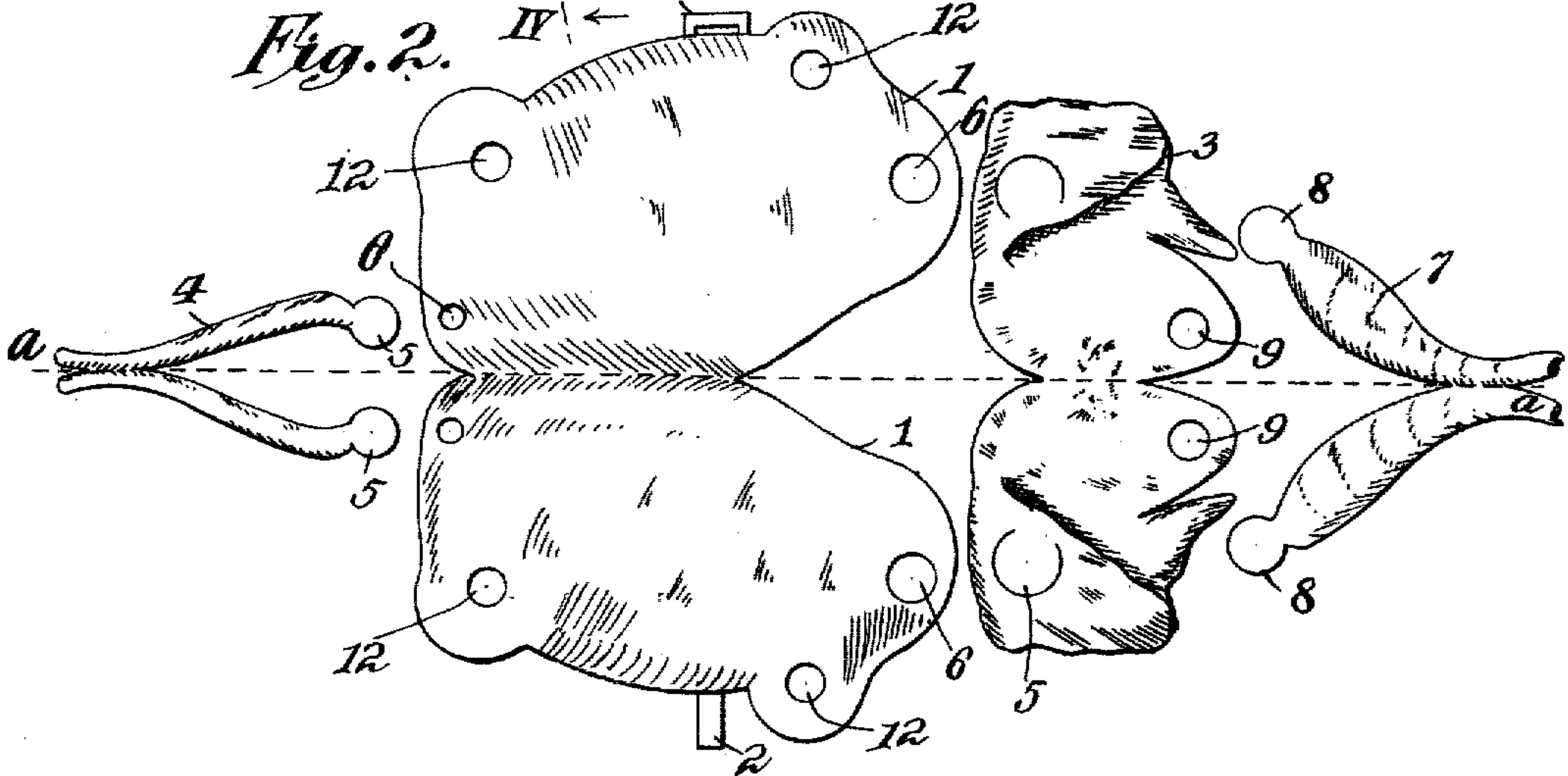


Fig. 3.

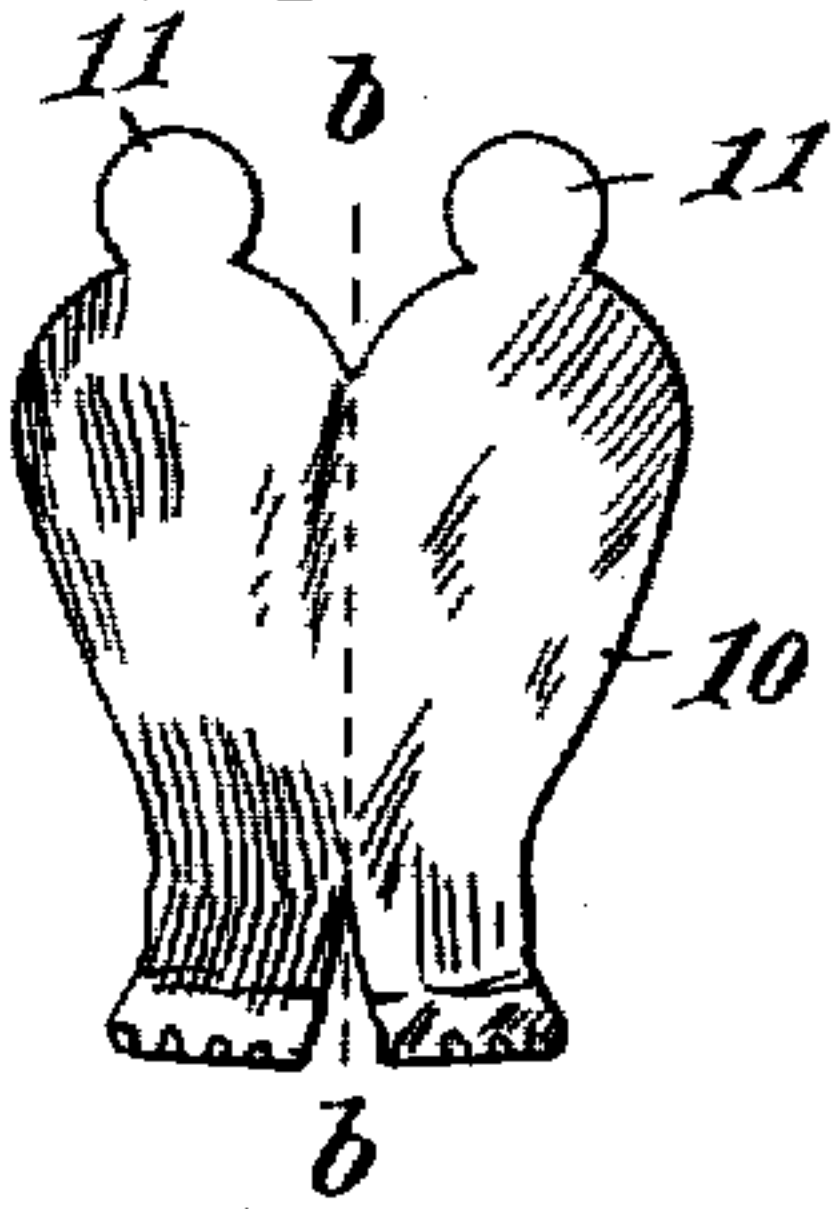
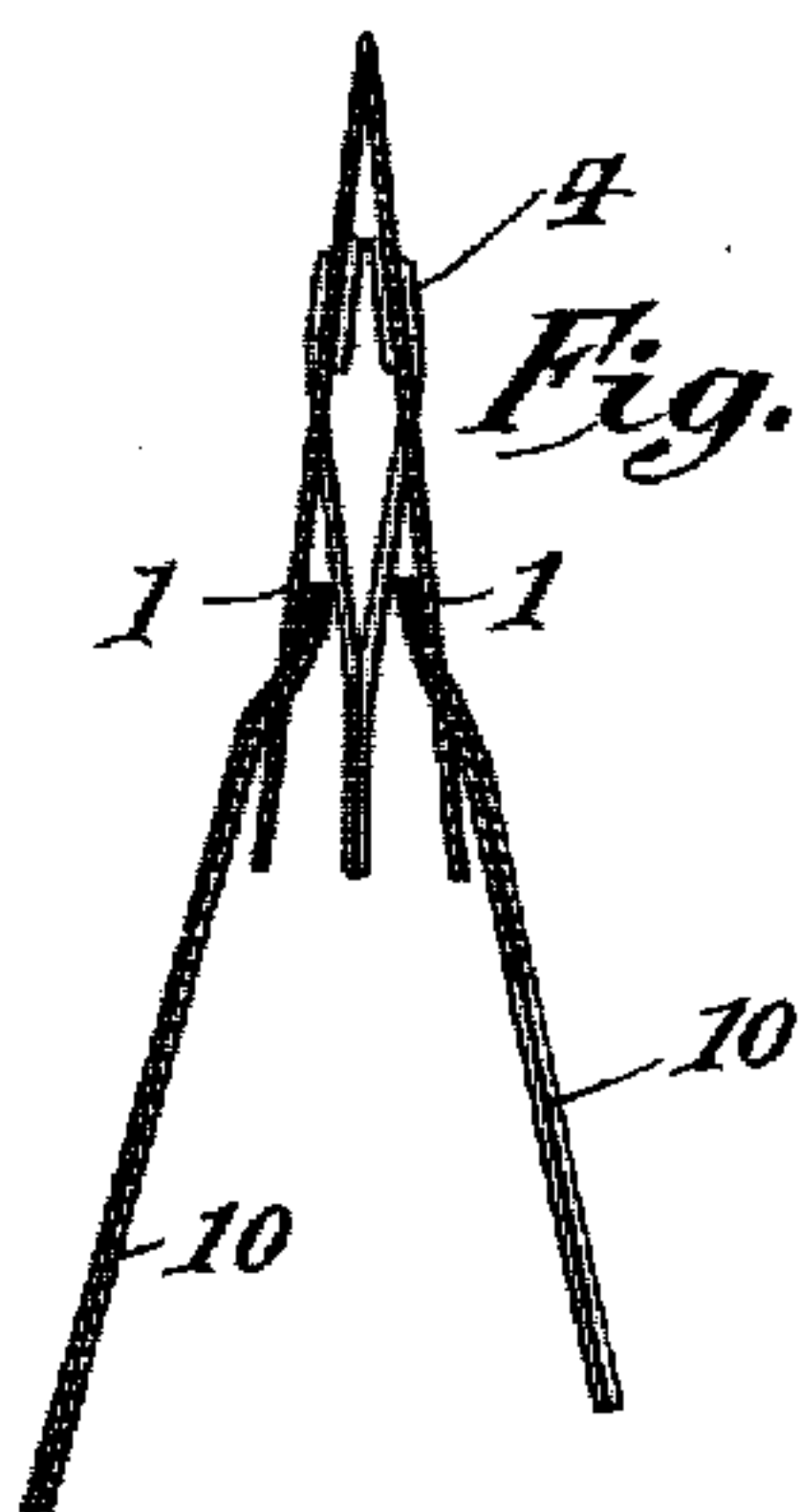


Fig. 4.



Attest:
Edgeworths
W. H. H. H. H.

Thaddeus E. Wood Inventor:
by *W. H. H. H. H.* Attys.

UNITED STATES PATENT OFFICE.

THADDEUS E. WOOD, OF NEW YORK, N. Y., ASSIGNOR TO AMERICAN COLORTYPE COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

JOINTED CUT-OUT FIGURE.

No. 814,340.

Specification of Letters Patent.

Patented March 6, 1906

Application filed March 28, 1905. Serial No. 252,547.

To all whom it may concern:

Be it known that I, THADDEUS E. WOOD, a citizen of the United States, residing in the city, county, and State of New York, have
5 invented certain new and useful Improvements in Jointed Cut-Out Figures, of which the following is a full, clear, and concise specification.

My invention relates to jointed cut-out figures; and it consists of certain features of improvement hereinbelow more fully described, whereby articles of this class are
10 caused to have a greater resemblance to life and a greater durability and facility of manipulation without complicating the manufacture or increasing the cost.

Referring to the accompanying one sheet of drawings, forming a part hereof, Figure 1 is a side elevation of an assembled jointed
20 figure. Fig. 2 is a plan of several of the sections thereof detached and unfolded. Fig. 3 is a similar view of one of the limb-sections, and Fig. 4 is a vertical sectional view of Fig. 1 partly unfolded looking in the direction of
25 the arrows on line IV IV.

The device comprises a plurality of figure members which are formed to represent parts or portions of a complete articulated figure, the several members thereof being delineated
30 on a sheet of paper or similar material adapted to be supplied to the trade, so that the said members may be cut out therefrom, folded, and assembled. The said members, however, may also be supplied to the trade already cut out, folded, and assembled, if desired. Preferably each of the various members is formed double, so that it may be folded
35 upon itself to provide a double-sided figure.

As shown herein, the body portion 1 of the
40 figure is symmetrically delineated with respect to a folding-line *a a*, Fig. 2, and on the opposite margins of the sides of the body interlocking tabs 2 are provided for aiding in holding the folded portions thereof together.
45 The head-section 3 and the tail 4 are similarly formed, as shown in Fig. 2, each of these comprising a section of sheet material adapted to be folded over upon itself on the line *a a* to constitute a double-sided figure member.
50 These sections are each formed with two joint members 5 in the form of integral projections or ears cut out or extended from the blank, having rather thin necks and relatively large heads, which are preferably circular in

contour. The said joint members 5 are located, respectively, on opposite sides of their
55 folding-lines and are adapted to interlock with complementary joint members in the corresponding opposite folds of the body-section 1. The complementary joint members
60 referred to consist of apertures 6 in the body-section 1 of a diameter about equal to the width of the necks of the members 5, so that the heads may be pushed through them, as
65 shown in Figs. 1 and 4 of the drawings, and the said necks will have a friction-bearing against the edges of the apertures.

The union of the double-sided head and tail sections with the opposite sides of the body-section serves to assist in holding the
70 latter together and gives a natural and uniform aspect to the figure when viewed from either side. The proboscis 7 of the animal-figure shown herein is formed the same as the other sections, having two projecting joint
75 members 8 adapted to interlock from the outside with corresponding apertures 9 in the folded sides of the head and hold the same together in the same manner as the head serves
80 to hold the body-section together. One of the limb-sections 10 is shown in Fig. 3, in which it will be observed that these also are formed double and symmetrical, having suitable lines or pictorial representations portrayed upon them to represent the actual
85 limb. They are each folded over upon themselves on the folding-line *b b* and provided with two projecting joint members 11, symmetrically located with respect to the said
90 folding-line, so that they register when folded over. The superposed heads of each member are adapted to interlock with a single aperture 12 in one or the other of the folds of the
95 body-section 1, thereby giving the appropriate aspect to said limb members from both sides of the figure and also providing adequate stability for the figure when it is desired to place the same in standing posture. This relation of the members is shown in
100 Fig. 4.

It will be observed that by virtue of the joints between the various members of the figure the same may be readily moved into various relations, in which positions they will remain by virtue of the friction of the joints,
105 and, moreover, it will be understood that any number of joints may be provided in or between the various members of the figure and

that such members as are single—like the head, tail, or proboscis above described—are preferably jointed to opposite folds of adjacent sections to hold the same together.

5 The invention is obviously not concerned with the character of the figure which it is employed to represent, and various developments and modifications of the same are intended to be included within the scope of the
10 following claims.

Having described my invention, what I claim, and desire to secure by United States Letters Patent, is—

1. A device of the class described, comprising
15 ing sections of sheet material having representations of figure members thereon respectively, adapted to be folded over upon themselves to form an articulated double-sided figure, one or more of said sections being provided with joint members formed thereon on
20 opposite sides of the folding-line thereof and adapted to interlock respectively with complementary joint members on the opposite folds of another section, and another of said
25 sections formed with superposed joint members symmetrically located on opposite sides of the folding-line thereof both adapted to interlock with a complementary joint member on one of the folds of said sections.

2. A device of the class described, comprising
30 a section of sheet material representing two opposite sides of a figure-body, adapted to be folded over on itself to constitute a double-sided figure-body, a section representing
35 the opposite sides of a figure-head for said body, likewise adapted to be folded over to form a double-sided figure member and joint members formed on each of the sides thereof adapted to interlock with complementary
40 joint members respectively on the opposite sides of the body-section, and another section representing the opposite sides of a figure-limb adapted to be folded over to form a double-sided figure member having super-

posed registering joint members formed 45 thereon and both adapted to interlock with a complementary joint member on one of the sides of the figure-body.

3. A device of the class described, comprising sections of sheet material having representations of figure members thereon each
50 adapted to be folded over upon itself to form a part of a double-sided figure, in combination with joint members formed on some of said sections on opposite sides of the folding-
55 lines thereof and adapted to interlock respectively with the complementary joint members on the opposite folds of another section.

4. A device of the class described, comprising sections of sheet material having representations of figure members thereon adapted
60 to be respectively folded over upon themselves to form a double-sided figure, in combination with superposed registering joint members formed on one of said sections and
65 both adapted to interlock with a complementary joint member formed on one side of another section.

5. A device of the class described comprising a section of sheet material having representations of the two sides of a figure-body
70 thereon and adapted to be folded over upon itself, another section representing a figure member folded upon itself and united to the opposite sides of said body-section to hold
75 the same together, in combination with further sections representing figure-limbs folded on themselves to constitute double-sided figure members and adapted to be jointed respectively to the opposite sides of said folded
80 body-section.

In testimony whereof I have signed my name to the specification in the presence of two subscribing witnesses.

THADDEUS E. WOOD.

Witnesses:

MICHAEL SCILIPOTI,
JOSEPH K. AROSEMENA.