

No. 886,505.

PATENTED MAY 5, 1908.

W. HIZER.
TOY.

APPLICATION FILED DEC. 30, 1907.

FIG. 3.

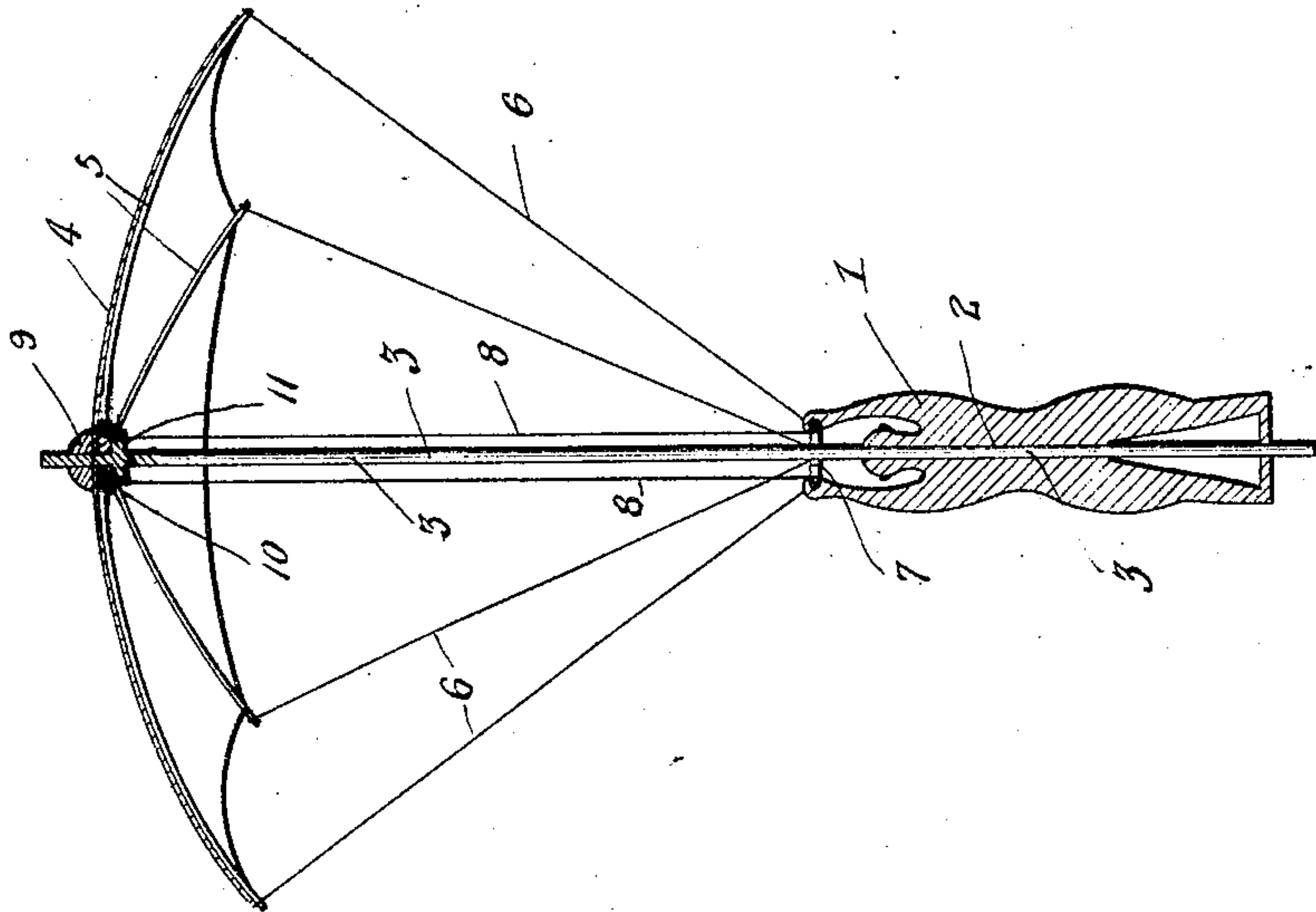


FIG. 2.

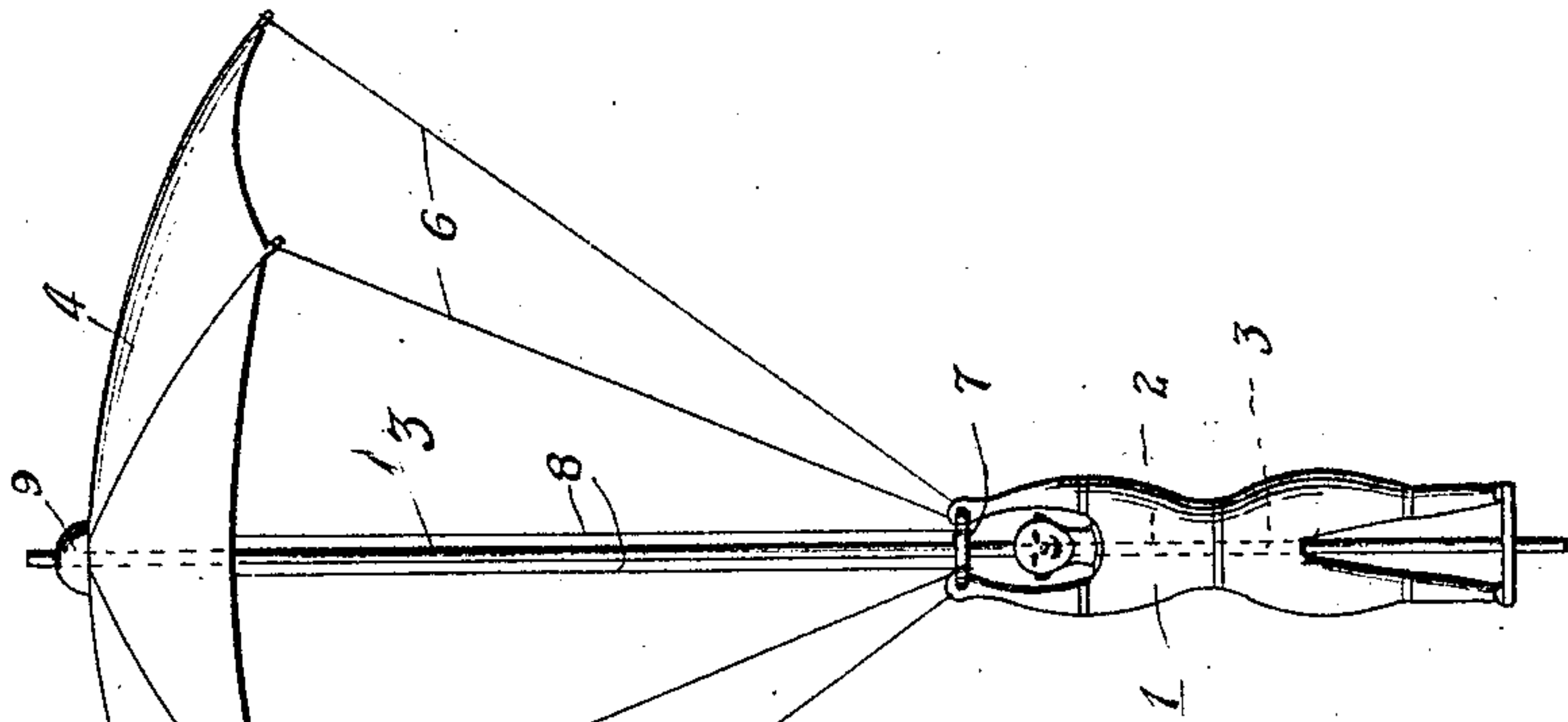
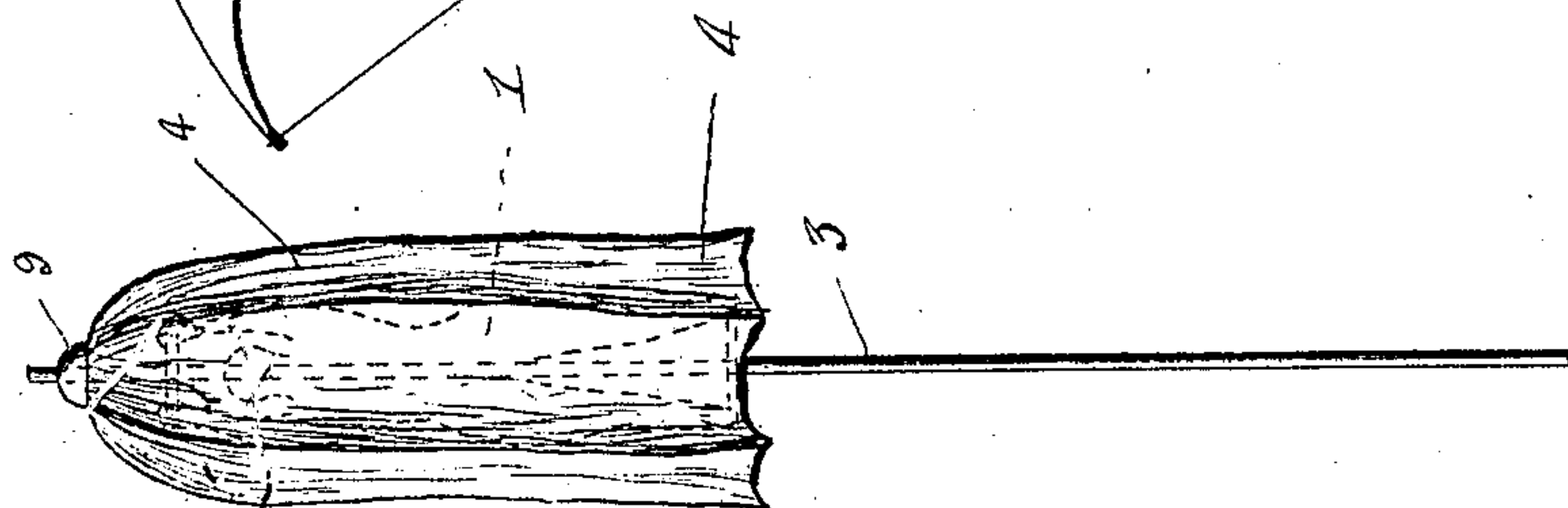


FIG. 1.



Witnesses

Chas. R. Griesbauer.
C. H. Griesbauer.

Inventor

William Hizer

By

A. B. Wilson & Co.

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM HIZER, OF DETROIT, MICHIGAN, ASSIGNOR OF ONE-HALF TO H. JAY HAYES, OF DETROIT, MICHIGAN.

TOY.

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To all whom it may concern:

Be it known that I, WILLIAM HIZER, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in a Toy; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to new and useful improvement in toys, and has for its object the production of a toy having a parachute attachment, and adapted to be shot into the air by a blow gun, bow or other device, the toy being so constructed that the parachute attachment will open, after the force exerted, incident to the firing of the toy has been spent and the force of gravity begins to act.

The object of the invention is the production of a simple and inexpensive toy of this character, whereby merchandise or other salable articles may be advertised in a novel and effective way.

With the foregoing and other objects in view, that will readily appear as the nature of the invention is better understood, the invention consists in the novel features, of construction, combination and arrangement of parts, illustrated in the drawings and particularly pointed out in the appended claims.

In the accompanying drawings; Figure 1 is a side elevation of the toy about to be fired from a gun or other device. Fig. 2 is a side elevation of the toy descending to the ground; and Fig. 3 a central vertical section of Fig. 2.

In the embodiment illustrated, it will be seen that the toy comprises an image 1, of a man, having a central longitudinal opening 2, extending through its length.

3 represents a suitable arrow which extends through the opening 2 in the image, and projects a suitable distance above and below the same.

4 indicates the parachute which is made of cloth, fabric, paper or other suitable material, and in either round, square, octagon, hexagonal or other form. This parachute is strengthened by a plurality of radially projecting ribs 5, which project preferably a slight distance beyond the edge of the same. Cords 6 or other flexible members are attached at their upper ends to the projecting

portions of the ribs 5 and at their free or lower ends to a ring 7, grasped by the hands of the image, the arms of the image preferably as shown, extending above the head. Cords 8, or other suitable flexible members are attached at their upper ends to the center of the parachute and at their lower ends to the ring 7 to cooperate with the cords or flexible member 6, in providing a substantial and secure fastening for the parachute.

A button 9, is arranged at the center, and on the outer surface of the parachute, and is provided with a central, vertical aperture to receive the upper end of the arrow 3. This button is preferably attached in position by arranging a disk 10 of wood or other suitable material on the inner face of the parachute under the button and attaching the buttons and disk together to clamp a corresponding portion of the parachute between the same. The arrow 3 is provided with a shoulder or flange 11, near its upper end to engage the disk.

In practice, the toy is in the position represented by Fig. 1, before being fired into the air. After the toy has been fired into the air, by the arrow, and the force exerted on the toy has been spent, the force of gravity will cause the toy to begin its descent, when the parachute 4 will open, the arrow sliding through the image and the latter, by reason of its weight upon the parachute, causing the same to slowly descend to the ground.

Having described the invention, what I claim, is:

In a device of the character specified, a parachute having a central reinforced portion, an arrow having a shoulder to detachably engage the reinforced portion of the parachute, an image having a longitudinally extending opening to receive the arrow, a ring arranged at the upper end of the image, a series of flexible connecting elements arranged between the outer edge of the parachute and the ring and a second series of connecting elements arranged between the central portion of the parachute and the ring.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM HIZER.

Witnesses:

GEORGE F. STANDLEY,
CARL GROSS.