

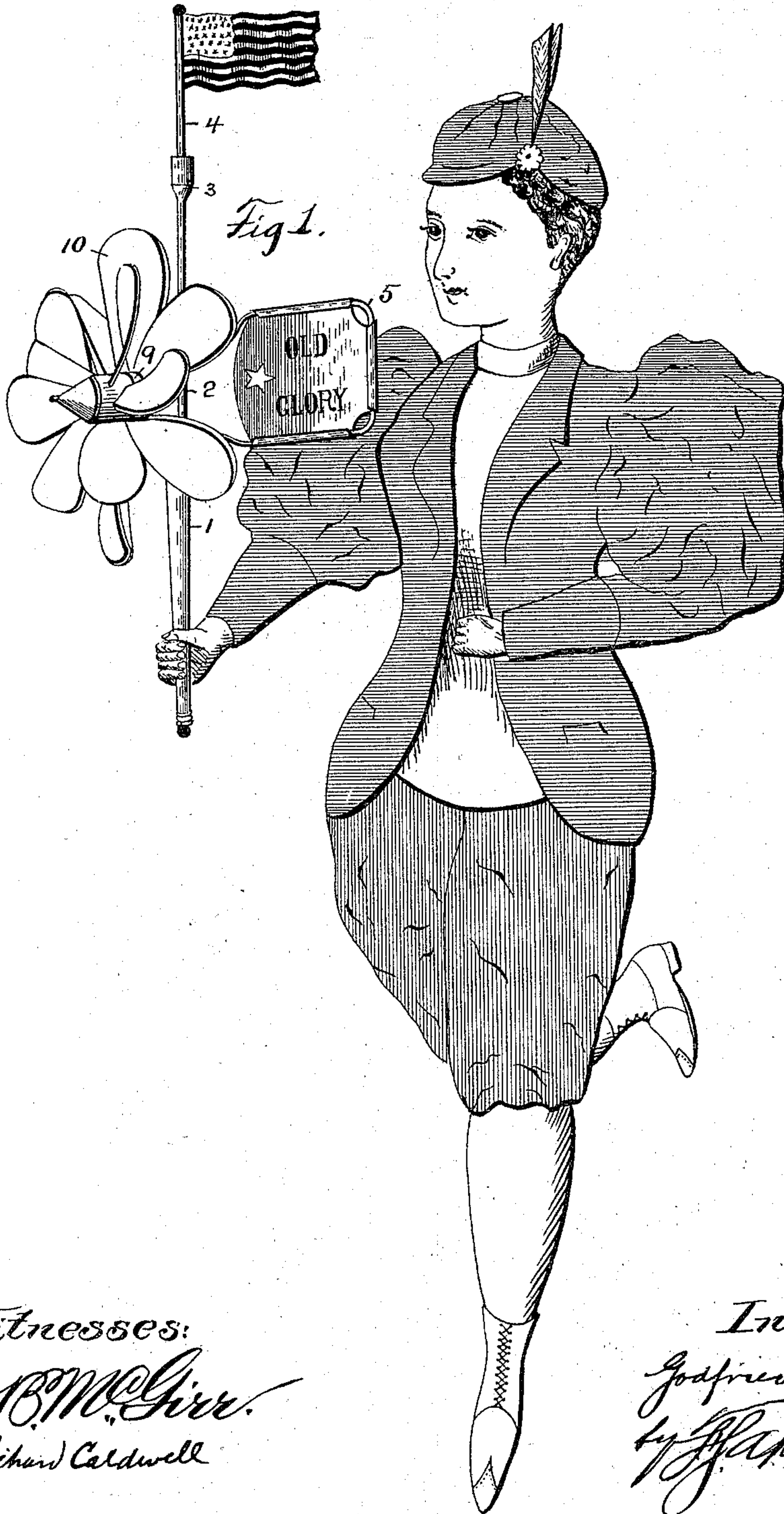
(No Model.)

2 Sheets—Sheet 1.

G. LAUBE.
ROTARY PNEUMATIC TOY.

No. 571,449.

Patented Nov. 17, 1896.



Witnesses:

J. B. McGinnis
Richard Caldwell

Inventor:
Godfried Laube
by *H. Appenauer*
att'y

(No Model.)

2 Sheets—Sheet 2.

G. LAUBE.
ROTARY PNEUMATIC TOY.

No. 571,449.

Patented Nov. 17, 1896.

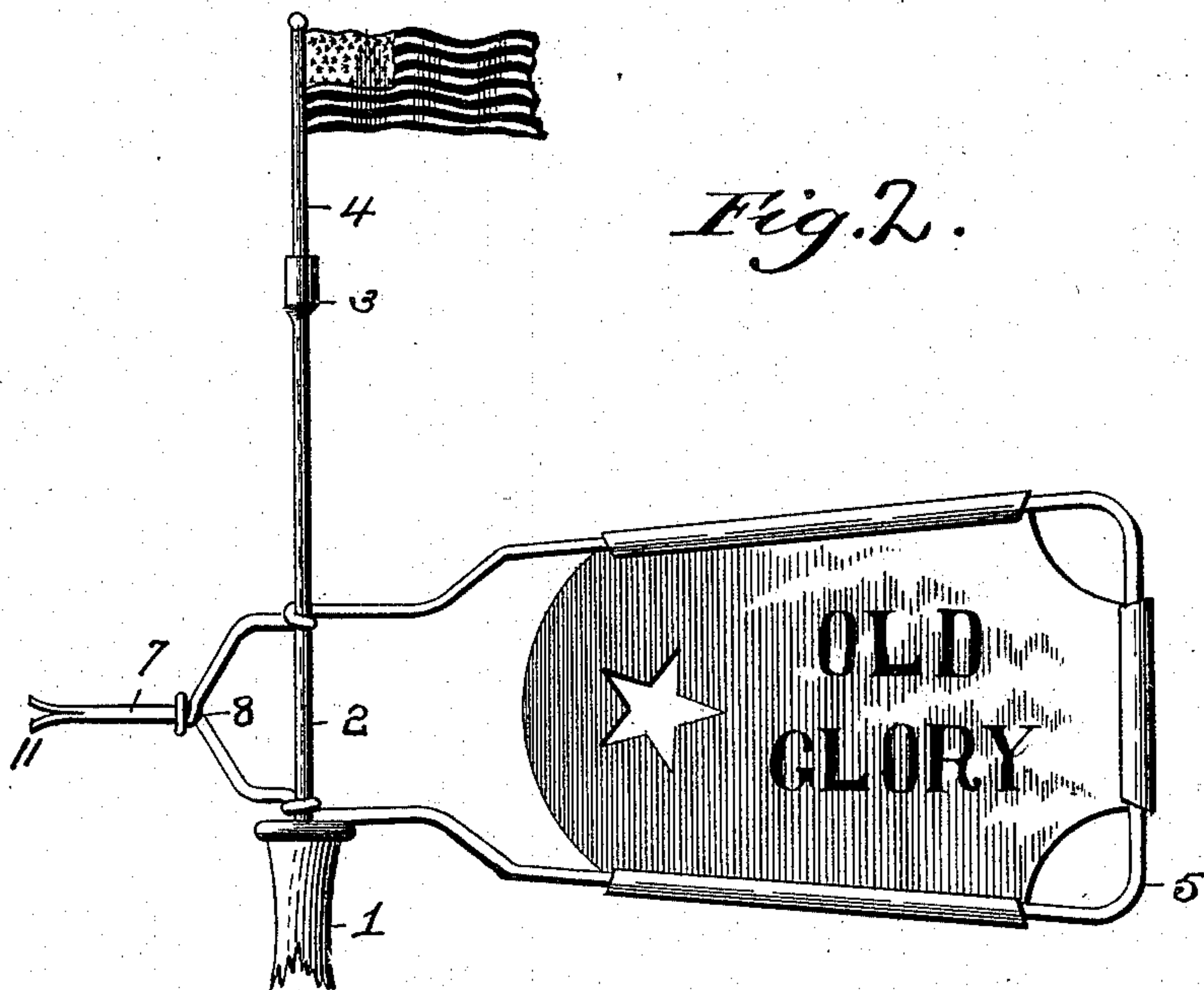


Fig. 2.

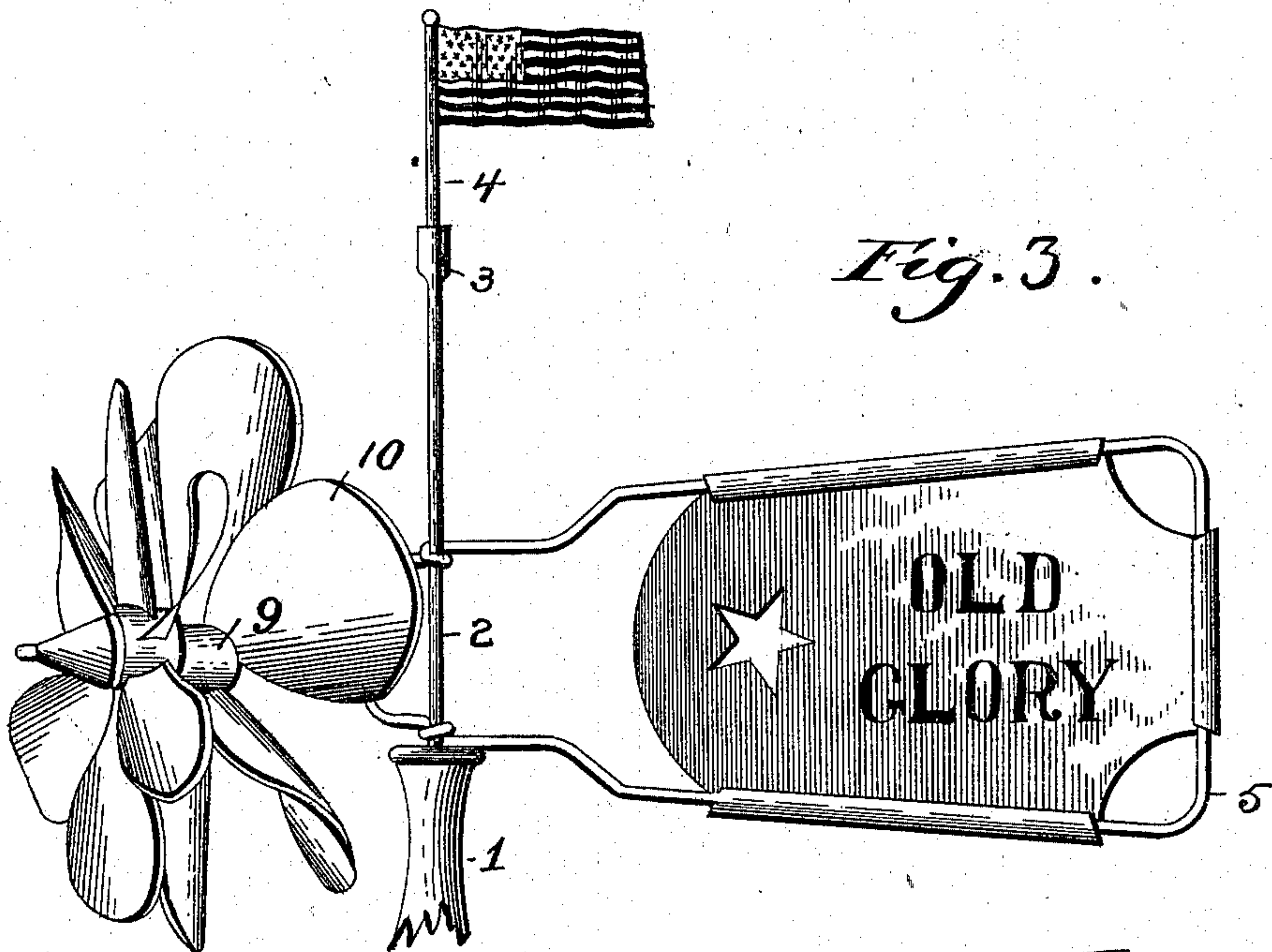


Fig. 3.

Witnesses:

J. B. McGirr.
Richard Caldwell

Inventor:

Godfried Laube
by J. H. Hapeman
att'y

UNITED STATES PATENT OFFICE.

GODFRIED LAUBE, OF HURON, SOUTH DAKOTA, ASSIGNOR OF ONE-HALF
TO V. L. GRABLE, OF MALAKOFF, TEXAS.

ROTARY PNEUMATIC TOY.

SPECIFICATION forming part of Letters Patent No. 571,449, dated November 17, 1896.

Application filed July 8, 1896. Serial No. 598,368. (No model.)

To all whom it may concern:

Be it known that I, GODFRIED LAUBE, a citizen of the United States of America, residing at Huron, in the county of Beadle and State of South Dakota, have invented certain new and useful Improvements in Rotary Pneumatic Toys, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The object of this invention is the production of a double-rotary pneumatic toy, which can be carried by a child and caused to rotate by the action of the air when the toy is carried rapidly or if the air is violently circulated.

15 A further object of the invention is to provide such a toy with duplicate sets of blades, one arranged in front of the other on a common shaft. Furthermore, the object of the invention is to produce a frame for the vane and a shaft for the wheels and means for attaching the frame to a vertical support of a single piece of metal, thus minimizing the cost of production and making it at the same time strong, durable, and efficient.

25 With the above and other objects in view the invention consists in the novel details of construction and the arrangement and combination of parts to be hereinafter more fully set forth and specifically claimed.

30 In describing the invention in detail reference is had to the accompanying drawings, forming part of this specification, wherein like characters of reference denote corresponding parts in the several views, in which—

35 Figure 1 is a perspective view of the toy being carried. Fig. 2 is a view in elevation of my improved toy, showing the handle broken off. Fig. 3 is a similar view showing the wheels in place.

40 In the drawings, 1 indicates a suitable handle, 2 a standard fixed in the handle, and 3 a socketed extremity of the standard adapted to receive the stick 4 of a flag, said flag waving in the breeze as the wheels turn.

45 The vane-frame consists of a metallic strip or wire bent to produce a slightly-tapered loop 5, with the ends bent toward each other

and formed with the eyes 6, which receive the standard 2, as clearly shown. The end 7 of the wire is bent upward at an angle, then horizontally to form a shaft. The opposite end of the frame-wire is bent up and encircles the end 7 at the shoulder 8, thus producing a rigid frame and shaft.

50 The fans are composed of hubs 9 9 and blades 10, and these fans may be so arranged on the shaft as to travel in like or opposite directions, according to their positions.

55 The end of the shaft is split, as at 11, and a cone-shaped keeper 12 is arranged to abut the hub of the front fan, after which the ends of the shaft are spread to retain the keeper. By this arrangement the several parts may be readily disconnected for packing and the like.

60 In view of the foregoing it will be noted that various changes in proportions and other details of construction may be resorted to, and yet the spirit of my invention will not be departed from.

65 Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

70 1. In a pneumatic toy, a handle and standard, a frame bent to produce a vane-support, and eyes to receive the standard, a shaft formed by a continuation of the frame-wire, fan-wheels arranged on the shaft and a keeper engaging the front fan held in place by spreading the split end of the shaft, as and for the purpose described.

75 2. A pneumatic toy consisting of a suitable handle, a vane-frame bent to produce eyes at top, and bottom, said frame terminating in a shaft having a split end, fan-wheels arranged on the shaft and a keeper engaging the first fan and held in place by spreading the split end of the shaft, as and for the purpose described.

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

GODFRIED LAUBE.

Witnesses:

ANNIE T. LAUBE,
HATTIE ROSE LAUBE.