

No. 662,577.

Patented Nov. 27, 1900.

E. L. RUTH & J. G. DAUBER.  
TOY.

(Application filed Mar. 6, 1900.)

(No Model.)

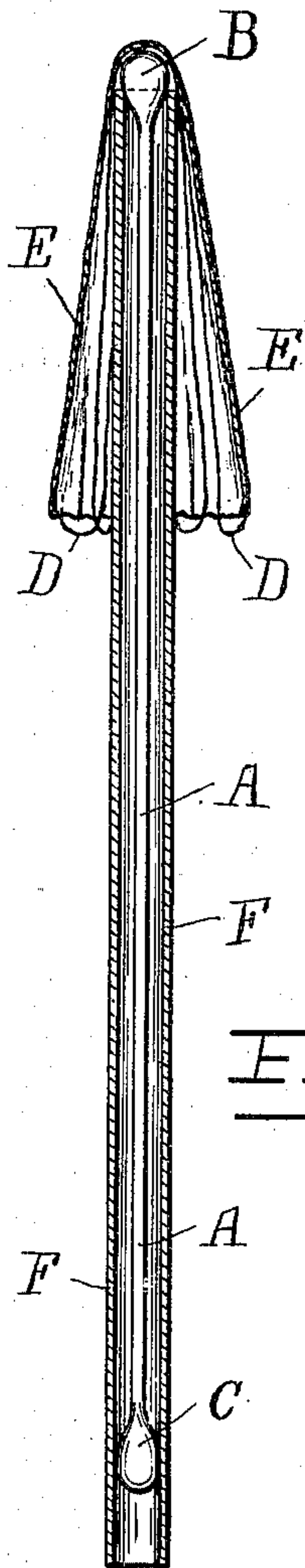


Fig. 1.

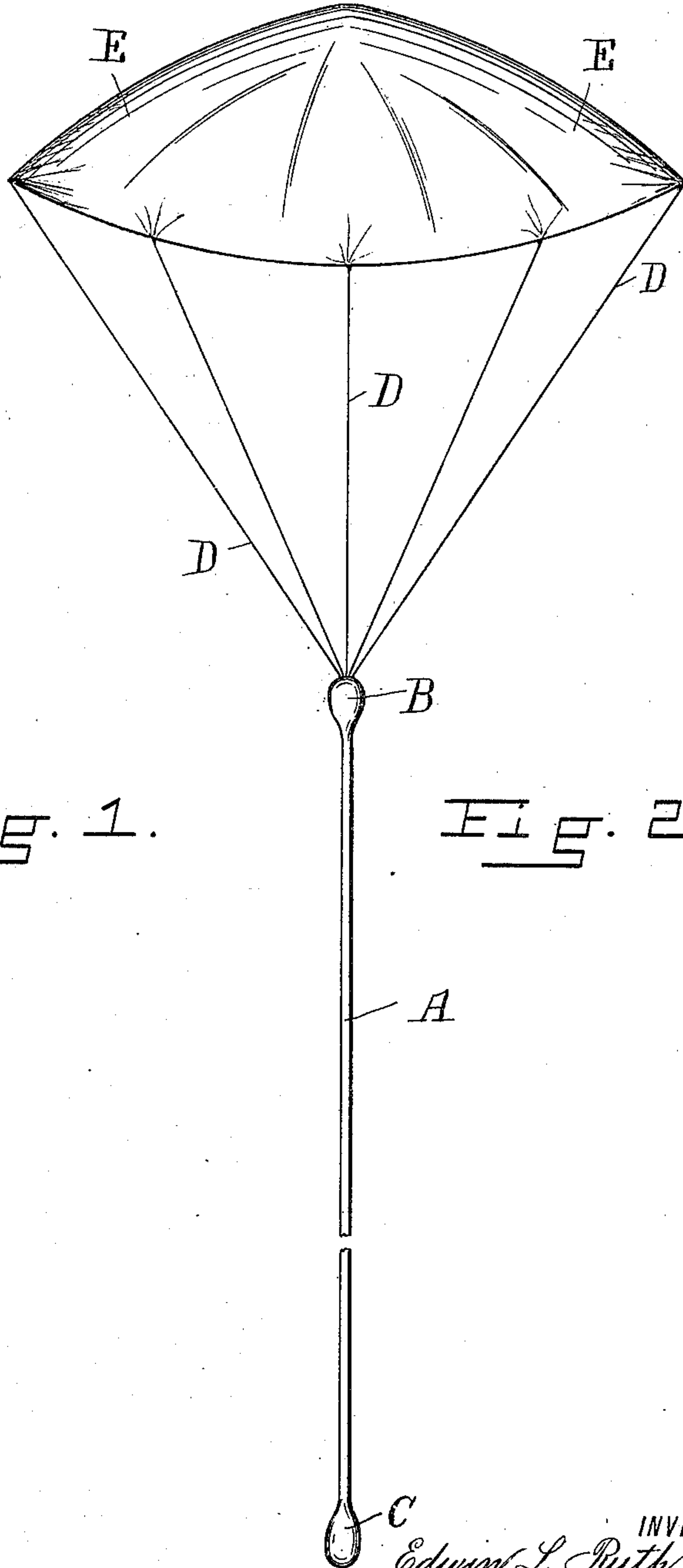


Fig. 2.

WITNESSES  
*L. A. Stewart*  
*M. H. Lowrey*

INVENTORS  
*Edwin L. Ruth*  
*John G. Dauber*  
BY *Edgar Tate*  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

EDWIN LUTHER RUTH AND JOHN GEORGE DAUBER, OF LOUDONVILLE, OHIO,  
ASSIGNORS OF ONE-FOURTH TO ORA KOSSUTH FISHER, OF SAME PLACE.

## TOY.

SPECIFICATION forming part of Letters Patent No. 662,577, dated November 27, 1900.

Application filed March 6, 1900. Serial No. 7,464. (No model.)

*To all whom it may concern:*

Be it known that we, EDWIN LUTHER RUTH and JOHN GEORGE DAUBER, citizens of the United States, residing at Loudonville, in the county of Ashland and State of Ohio, have invented certain new and useful Improvements in Toys, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to toys; and it has for its object to provide a simple and attractive device by means whereof an aerial or air-floating device may be projected from a support or holder and caused to rise in the air and descend for the gratification of the projector and the beholder.

With this and other objects in view the invention consists in the novel construction and arrangement of parts hereinafter fully described and claimed.

In the accompanying drawings, forming part of this specification, in which like reference characters denote like parts in both views, Figure 1 is a vertical central section of a device embodying our invention, the inner or movable rod being in elevation. Fig. 2 is a side elevation of the aerial device which is projected from the toy in operation and shows it extended in the position it assumes when floating or descending in the air.

In the practice of our invention we construct the aerial or floating part of the device in the form of a rod A, upon either end of which are secured cork or other heads B and C, respectively. To the upper end of the rod A are secured a plurality of cords or strands D, entering the center of the cork B, which said cords or strands depend from the lower edge or perimeter of a thin collapsible paper parachute or dome E. We then insert the rod A in a blow-tube F, such as is used by children for blowing objects or small projectiles, and the rod A is of such form and length as to fit within the major portion of this tube, the head C fitting in the tube near the bottom of the same somewhat snugly and the head B being sufficiently larger than the bore of the tube to be prevented from entering the same. When the rod is inserted in the tube, the whole device assumes the posi-

tion shown in Fig. 1, in which the collapsible parachute or paper body E surrounds and hangs downwardly from the upper end of the tube, the center of the paper being in contact with the upper surface of the head B.

The operation and advantages of our invention will be readily understood from the foregoing description when taken in connection with the accompanying drawings. The tube F being held in the hand, the lower end thereof is inserted in the mouth, the device being held in approximately a vertical position or at a diagonal angle. Air is then projected from the lungs through the tube and striking the head C blows the rod A outwardly and upwardly into the air. The resistance of the atmosphere causes the parachute or paper body E to remain in the folded position until the rod, having lost its momentum, commences to descend, whereupon the resistance will equally cause the parachute to extend or spread out into the position shown in Fig. 2. The effect of this is both pretty and gratifying to the operator and the beholder, and the toy constitutes a device which affords considerable amusement to all, and particularly to children.

We do not desire to confine ourselves to the exact details of construction herein set forth, and we claim as coming within the scope of our invention any aerial device or rod carrying a parachute and the implement for projecting the same into the air.

Having fully described our invention, we claim as new and desire to secure by Letters Patent—

1. A parachute, comprising the combination of a blow-tube, a rod adapted to be inserted therein and provided upon its lower end with a head fitting the bore of said tube and upon its upper end with a head adapted to rest upon the upper end thereof, a collapsible parachute-body adapted to fold over the upper end of the rod and over the blow-tube, and cords connecting the lower edge or perimeter of the said parachute-body with the upper portion of the rod; whereby the rod and parachute may be projected into the air in folded condition and will descend in extended condition, substantially as shown and described.



2. A parachute, comprising the combination of a blow-tube, a rod adapted to be inserted thereinto and provided upon its lower end with a head fitting the bore of said tube  
5 and upon its upper end with a head of greater dimensions than the bore of said tube and adapted to rest upon the upper end thereof; a paper body forming a collapsible parachute and adapted to fold over the upper head of  
10 the rod and over the blow-tube, and cords connecting the lower edge or perimeter of the said paper body with the upper head of the

rod; whereby the rod and parachute may be projected into the air in folded condition and will descend in extended condition. 15

In testimony that we claim the foregoing as our invention we have signed our names, in presence of the subscribing witnesses, this 3d day of March, 1900.

EDWIN LUTHER RUTH.  
JOHN GEORGE DAUBER.

Witnesses:

FRED W. GRAF,  
WILLIAM DORMER.