

No. 730,584.

PATENTED JUNE 9, 1903.

F. STRAUSS.
TOY.

APPLICATION FILED APR. 15, 1903.

NO MODEL.

FIG. 1.

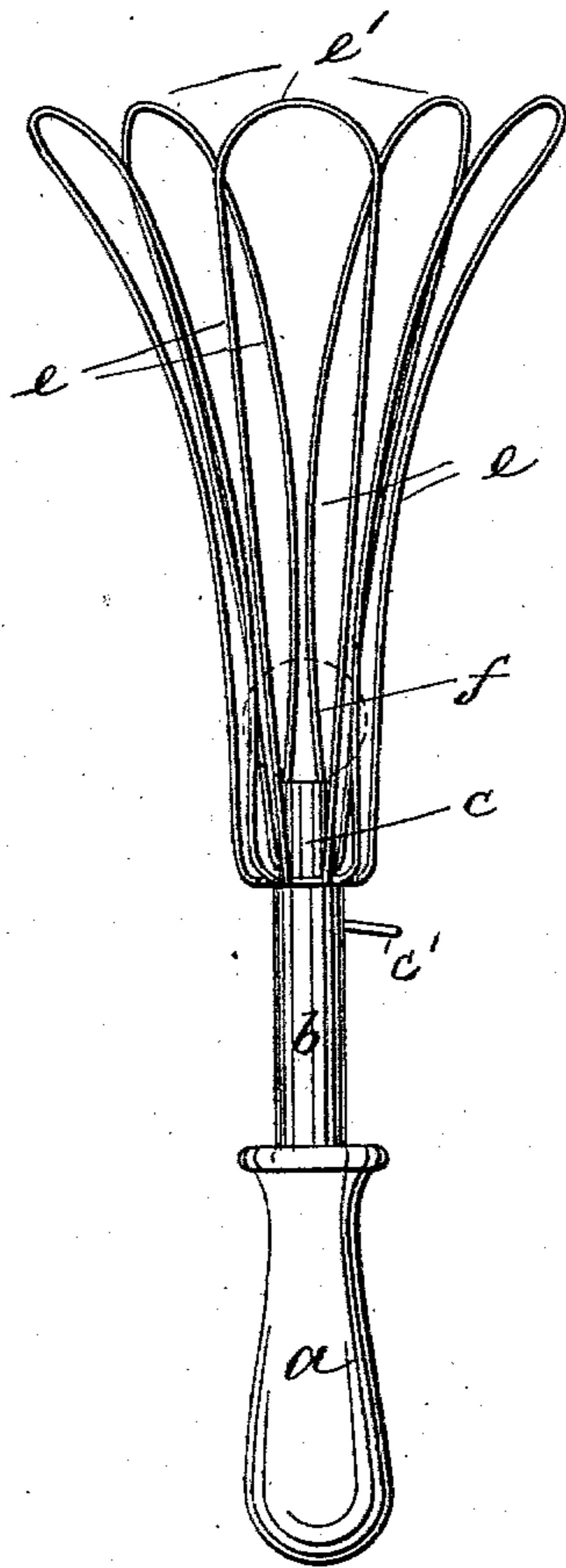


FIG. 2.

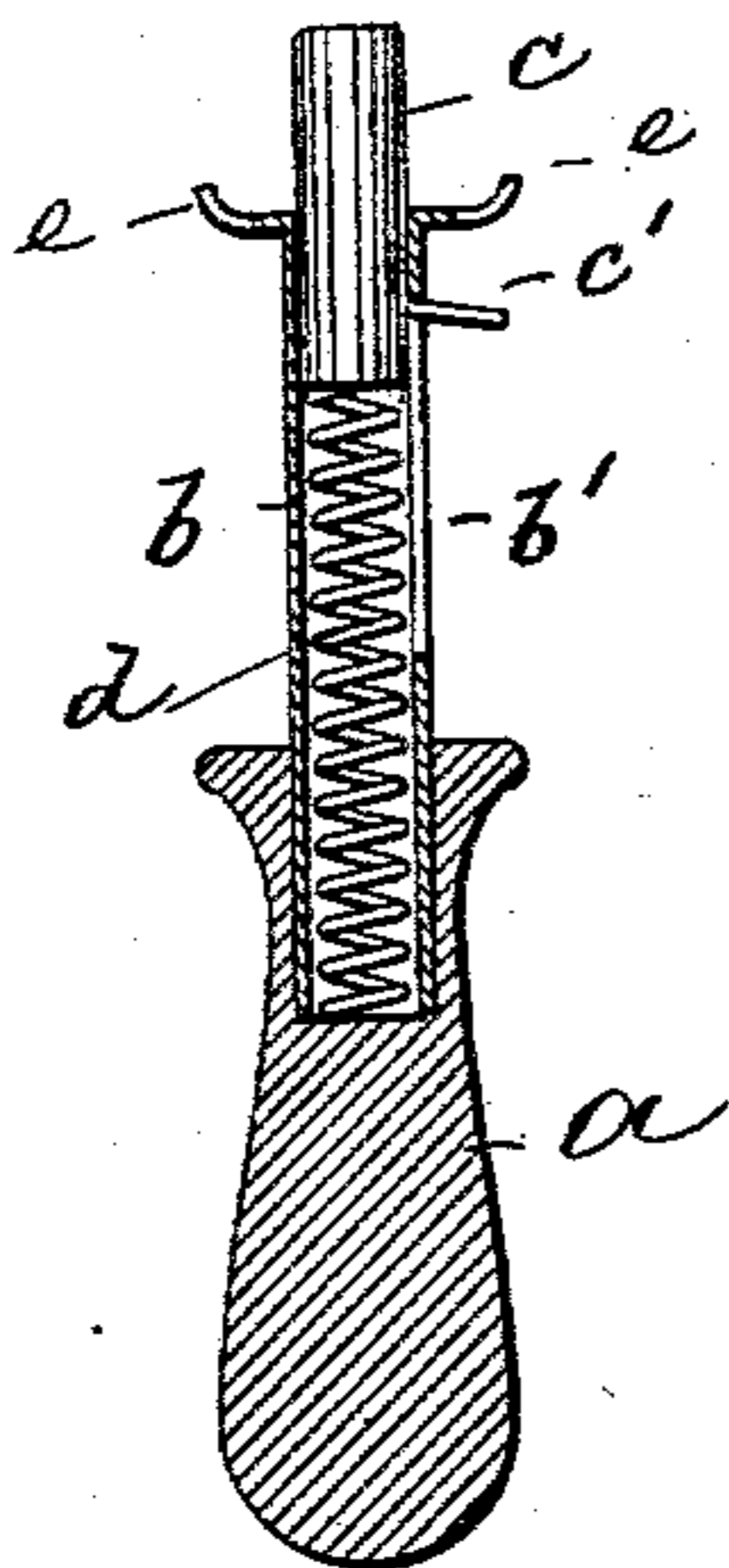
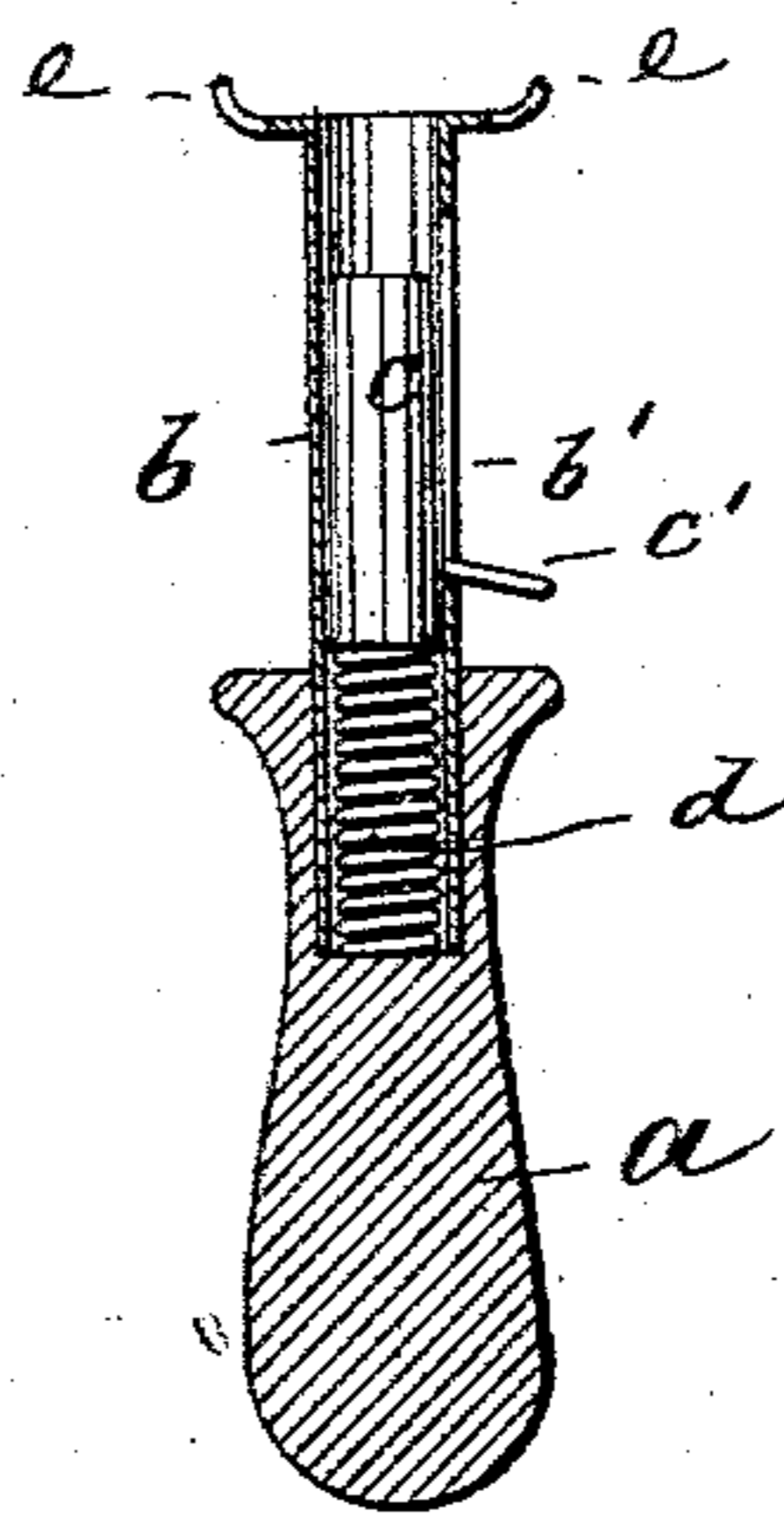


FIG. 3.



Witnesses:
Arthur Guymre
William Schurz

Inventor:
Ferdinand Strauss
by his attorney
Jacob B. Biese

UNITED STATES PATENT OFFICE.

FERDINAND STRAUSS, OF YONKERS, NEW YORK.

TOY.

SPECIFICATION forming part of Letters Patent No. 730,584, dated June 9, 1903.

Application filed April 15, 1903. Serial No. 152,647. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND STRAUSS, a citizen of the United States, residing at Yonkers, Westchester county, State of New York, have invented certain new and useful Improvements in Toys, of which the following is a specification.

This invention relates to a toy in which a ball propelled into the air by a spring-plunger is recaptured by a scalloped resilient cup surrounding the plunger. In this way various healthful games calling for skill and dexterity may be played.

In the accompanying drawings, Figure 1 is a side view of my improved toy; Fig. 2, a longitudinal section through the lower part thereof, showing the plunger raised; and Fig. 3, a similar view with the plunger depressed.

The letter *a* represents a handle from which projects upward a tube *b*, having a longitudinal slot *b'*. Within the tube is free to play a plunger *c*, actuated by a spring *d* and having a thumb-piece *c'*, that extends outwardly through slot *b'*. At its top the tube *b* carries a cup which is bell-shaped, widening gradually from the bottom upward. The cup is composed of a series of bent wires *e*, having two converging shanks which are secured to the tube at their lower ends. At the center or top each wire is curved, as at *e'*, so that

the wires form collectively a resilient cup having a scalloped mouth. By the construction described the entire cup is made resilient to decrease the shock and is well adapted to entrap the ball. When the plunger is raised, it projects some distance into the base of the cup and forms the support for the ball *f*. When the plunger is lowered, it is withdrawn entirely or partly from the cup.

In use the ball is placed into the cup upon the plunger, Fig. 1, and by manipulating the latter the ball is projected into the air to be either recaptured by the same cup or by the cup of another player. In this way a large number of interesting and healthful indoor or outdoor games may be played.

What I claim is—

In a toy, the combination of a handle with a tube, an inclosed spring-plunger, and a series of bent wires secured to the tube and having converging shanks and rounded centers to form a resilient scalloped cup, substantially as specified.

Signed by me at New York city, (Manhattan,) New York, this 14th day of April, 1903.

FERDINAND STRAUSS.

Witnesses:

WILLIAM SCHULZ,
FRANK V. BRIESEN.