

No. 731,932.

PATENTED JUNE 23, 1903.

E. W. MOCH.
FEATHER TIP OR PLUME.
APPLICATION FILED APR. 28, 1903.

NO MODEL.

FIG. 1.

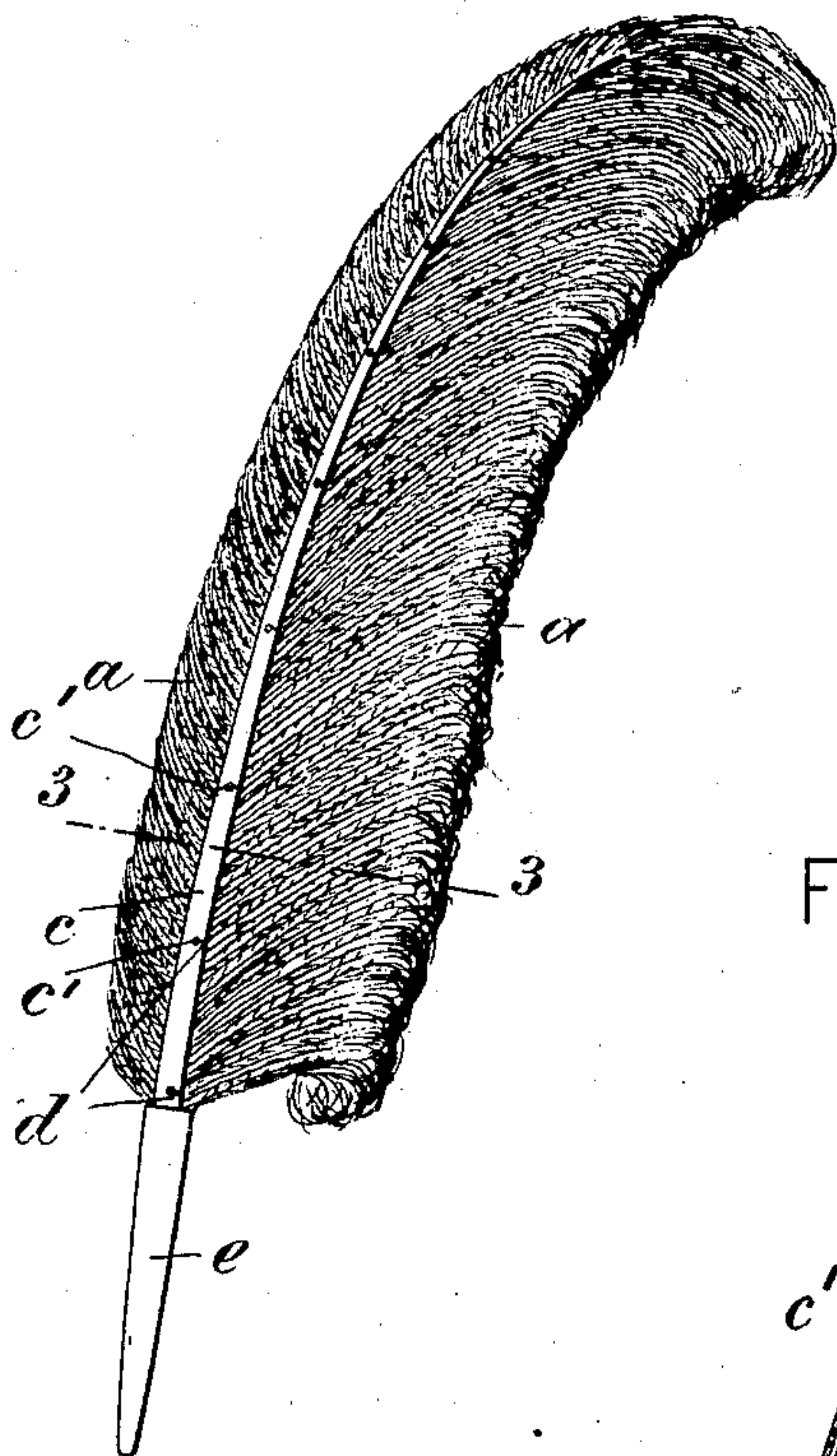


FIG. 5.

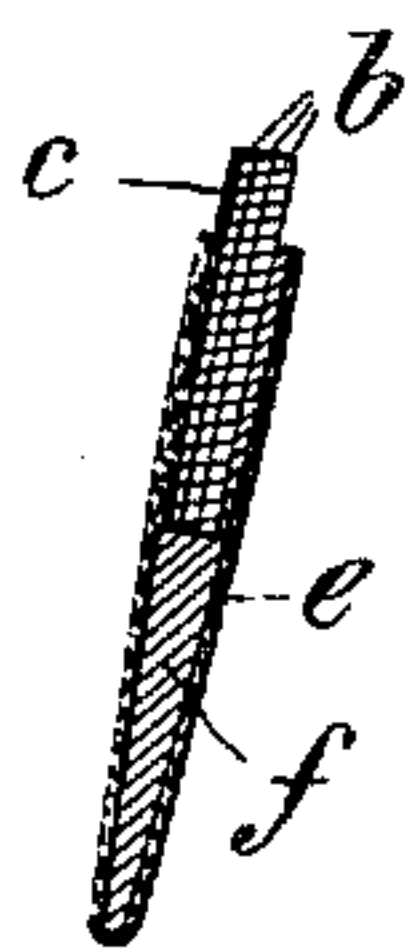


FIG. 2.

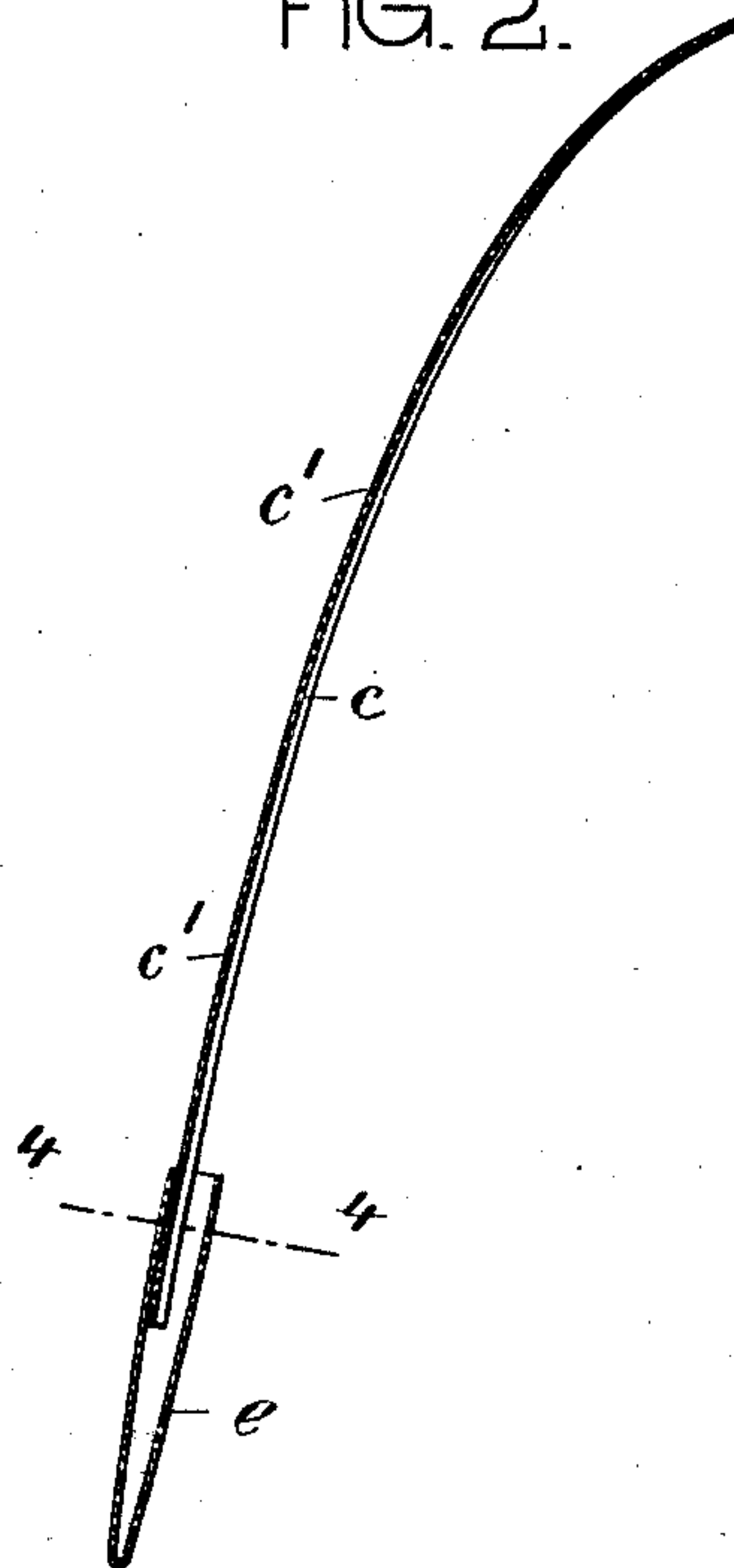
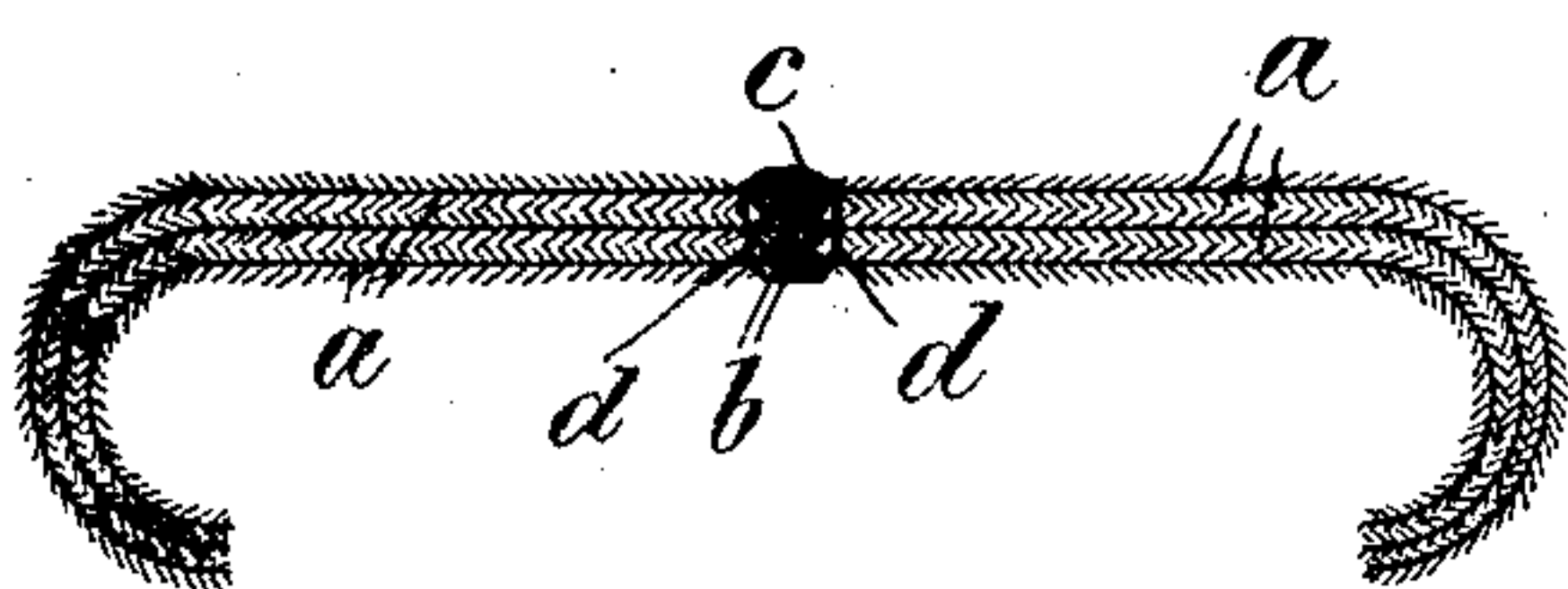


FIG. 4.



FIG. 3.



Witnesses:

Arthur Jumper
William Schuch

Inventor:

Eugene W. Moch
by his attorney
Frank B. Briesen

No. 731,932.

Patented June 23, 1903.

UNITED STATES PATENT OFFICE.

EUGENE W. MOCH, OF NEW YORK, N. Y.

FEATHER TIP OR PLUME.

SPECIFICATION forming part of Letters Patent No. 731,932, dated June 23, 1903.

Application filed April 28, 1903. Serial No. 154,631. (No model.)

To all whom it may concern:

Be it known that I, EUGENE W. MOCH, a citizen of the United States, residing at New York city, (Manhattan,) county and State of New York, have invented certain new and useful Improvements in Feather Tips or Plumes, of which the following is a specification.

This invention relates to a feather tip or plume which is so constructed that the quill is covered by a convex reinforcing-rib, which enhances the appearance of the feather and serves to protect and strengthen it.

In the accompanying drawings, Figure 1 is a perspective view of a plume embodying my invention; Fig. 2, a longitudinal section through the rib and socket; Fig. 3, an enlarged cross-section on line 3 3, Fig. 1; Fig. 4, a cross-section on line 4 4, Fig. 2; and Fig. 5, a longitudinal section through the lower part of the plume.

The letters *a* represent the flues of a natural or artificial feather projecting laterally from the quill *b*. The drawings show three feathers superposed, which enhances the effect. Over the outermost quill *b* is placed a convex rib of celluloid or similar material *c*, which covers the quill and also the roots of the flues. The rib is secured to the quill by stitching, the thread *d* passing through holes *c'* of the rib and around the quills, Fig. 3. The lower ends of the quills and of the rib are jointly received within the socket of a hollow pin *e*. Cement *f* filled into this socket securely connects the quills and rib to the pin, so that all parts are firmly joined.

The rib *c* may be made of a color different from the color of the flues, so that a very de-

sirable contrast is produced. Besides thus offering means for providing a contrast of colors the rib serves to stiffen the plume and to protect the roots of the flues.

What I claim is—

1. A feather tip or plume composed of a quill having laterally-projecting flues, a rib secured over the quill, and a pin having a socket that receives the ends of the quill and rib, substantially as specified.

2. A feather tip or plume composed of a quill having laterally-projecting flues, a convex rib secured over the quill, and a pin having a socket that receives the ends of the quill and rib, substantially as specified.

3. A feather tip or plume composed of a quill having laterally-projecting flues, a perforated convex rib over the quill, a thread engaging the rib-perforations and surrounding the quill, and a pin having a socket that receives the ends of the quill and rib, substantially as specified.

4. A feather tip or plume composed of a series of superposed quills having laterally-projecting flues, a perforated convex rib over the outermost quill, a thread engaging the rib-perforations and surrounding the quills, and a pin having a socket that receives the ends of the quills and rib, substantially as specified.

Signed by me at New York city, (Manhattan,) New York, this 27th day of April, 1903.

EUGENE W. MOCH.

Witnesses:

FRANK V. BRIESEN,
EDWARD RAY.