

No. 709,994.

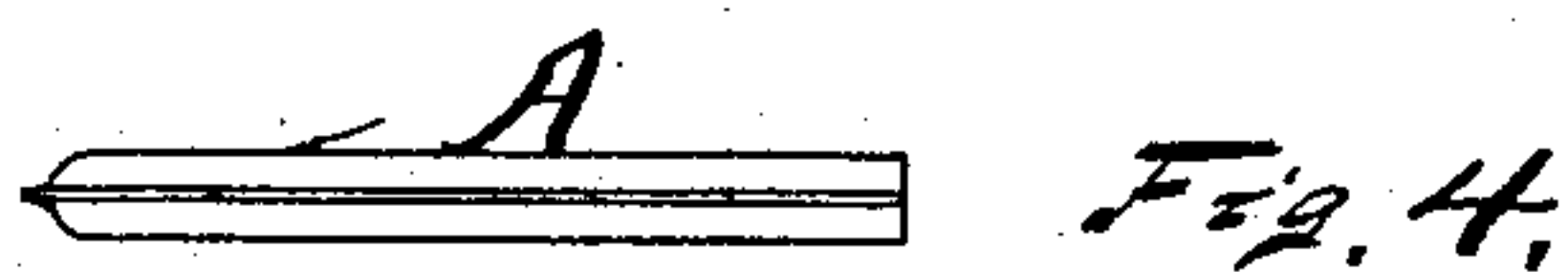
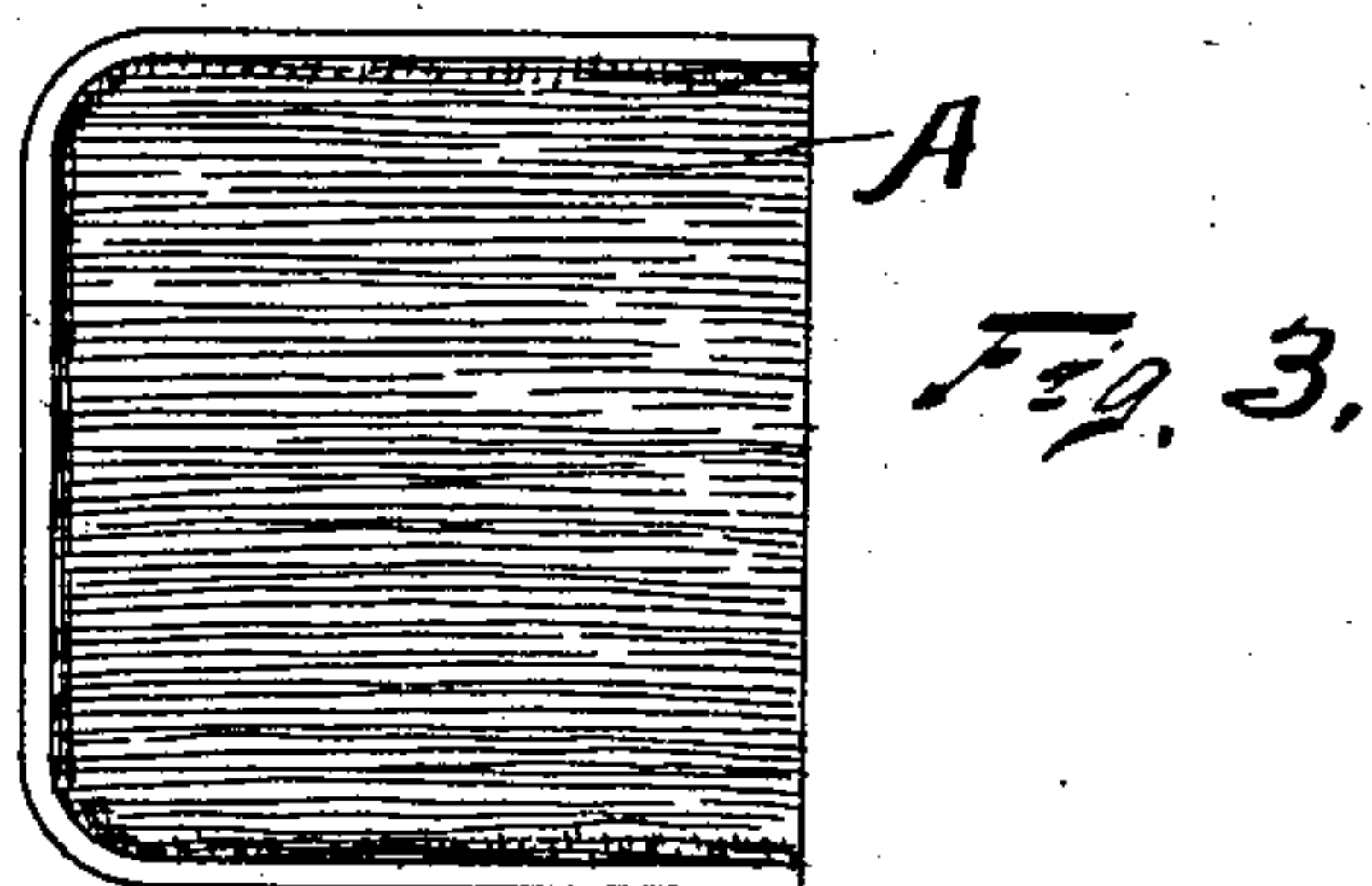
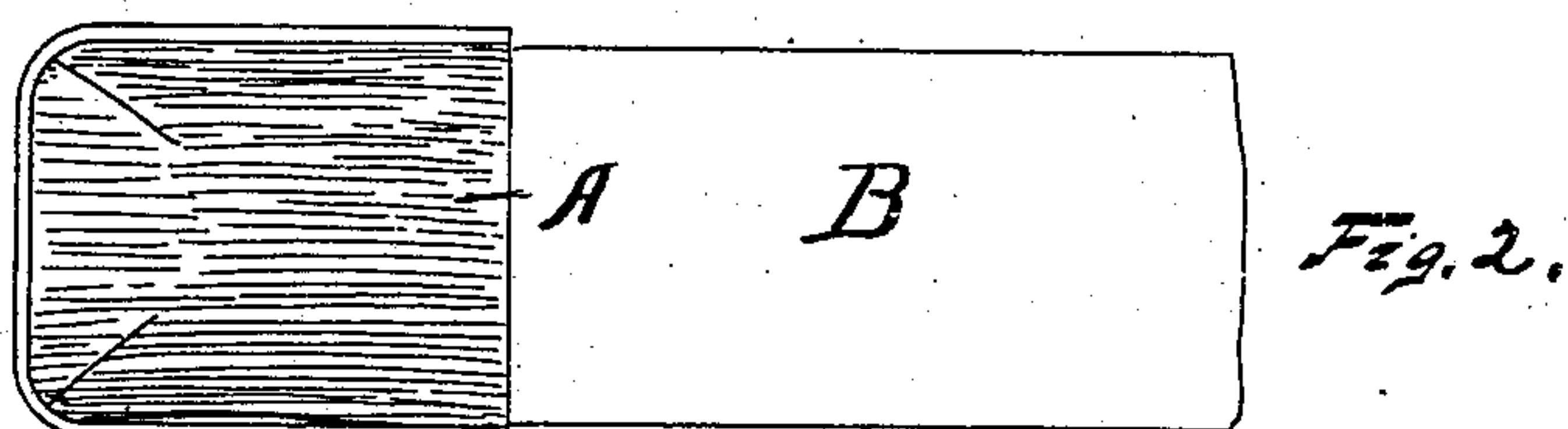
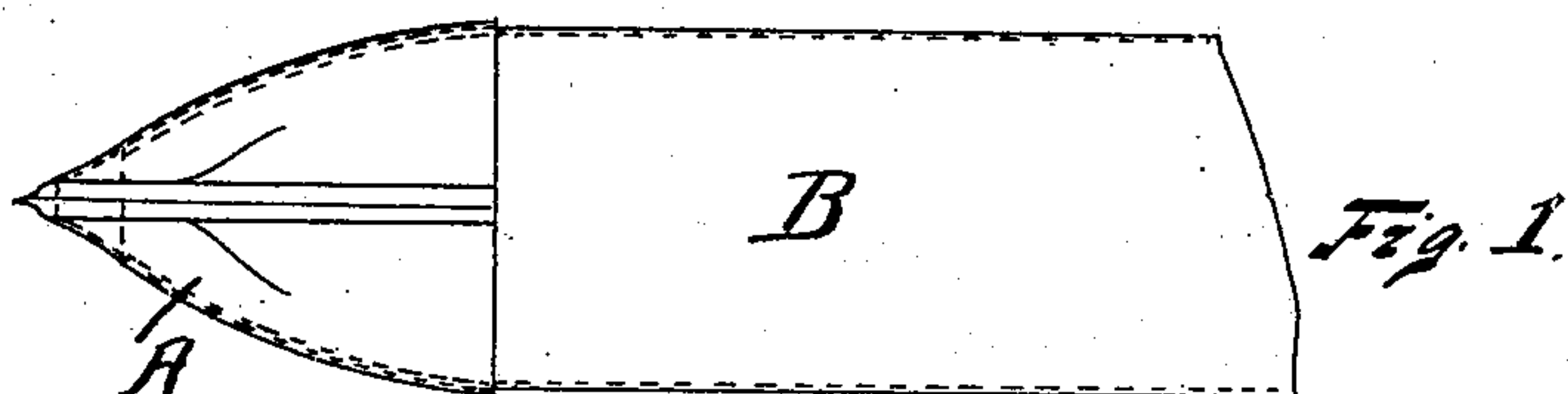
Patented Sept. 30, 1902.

J. G. MOOMY.

TIP FOR THE ENDS OF PNEUMATIC TIRE TUBES.

(Application filed Apr. 28, 1902.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

JOSEPH GEORGE MOOMY, OF ERIE, PENNSYLVANIA.

TIP FOR THE ENDS OF PNEUMATIC-TIRE TUBES.

SPECIFICATION forming part of Letters Patent No. 709,994, dated September 30, 1902.

Application filed April 28, 1902. Serial No. 105,016. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH GEORGE MOOMY, a citizen of the United States, residing at Erie, in the county of Erie and State of Pennsylvania, have invented new and useful Improvements in Tips for the Ends of Pneumatic-Tire Tubes, of which the following is a specification.

This invention relates to tips for the ends of pneumatic-tire tubes; and it consists in certain improvements in the construction thereof, as will be hereinafter fully described, and pointed out in the claim.

The invention is illustrated in the accompanying drawings, as follows:

Figure 1 shows a side view of the tube having the tip formed according to my invention thereof. Fig. 2 shows a plan view of the same. Fig. 3 shows a plan view of the tip; Fig. 4, a side view of the same.

A marks the tip, and B the tube. The tip is formed in the shape of a flat thimble of fiber-stock—that is, of a mixture of rubber and unwoven fiber. Preferably the fibers are arranged lengthwise of the tip, so that the tip may have elasticity in a transverse direction and but very little endwise. The fiber is brought to this position in the process of cal-

endering. By the use of fiber-stock greater strength may be given to the end of the tube with very little additional weight or bulk, and as the end of the tube is subject to an end strain of more or less extent, depending upon the location of the ends of the tubes relatively to each other, the use of the fiber-stock prevents undue stretching in this direction, and where the fiber-stock is used with the fibers longitudinally arranged the end stretching is prevented without affecting the transverse elasticity of the tip, so that the space in the tire is completely filled. The use of the stock also strengthens the end of the tip for insertion or removal from the tire. This is particularly true of the tips having the fiber arranged in a longitudinal direction.

What I claim as new is—

A tip for pneumatic-tire tubes formed of fiber-stock with the general longitudinal direction of fibers.

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

JOSEPH GEORGE MOOMY.

Witnesses:

JUSTIN P. SLOCUM,
GRACE E. YARD.