

No. 695,468.

Patented Mar. 18, 1902.

F. MARGGRAFF.
TUFTING BUTTON.

(Application filed Nov. 2, 1901.)

(No Model.)

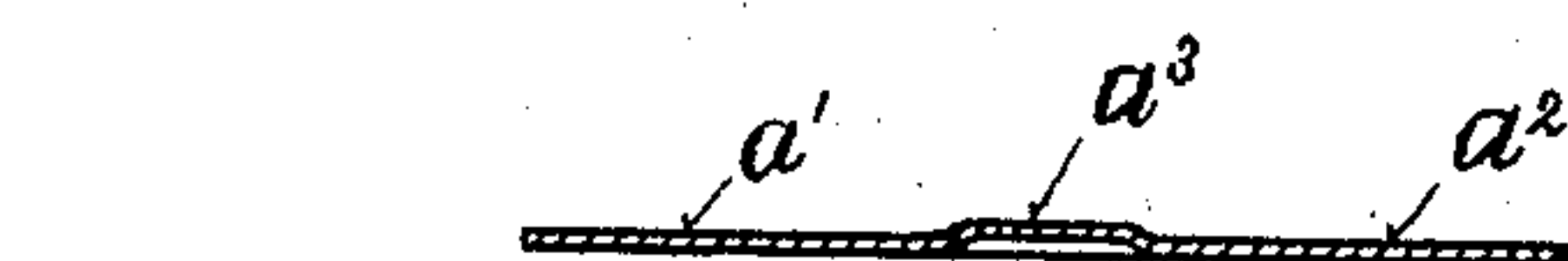
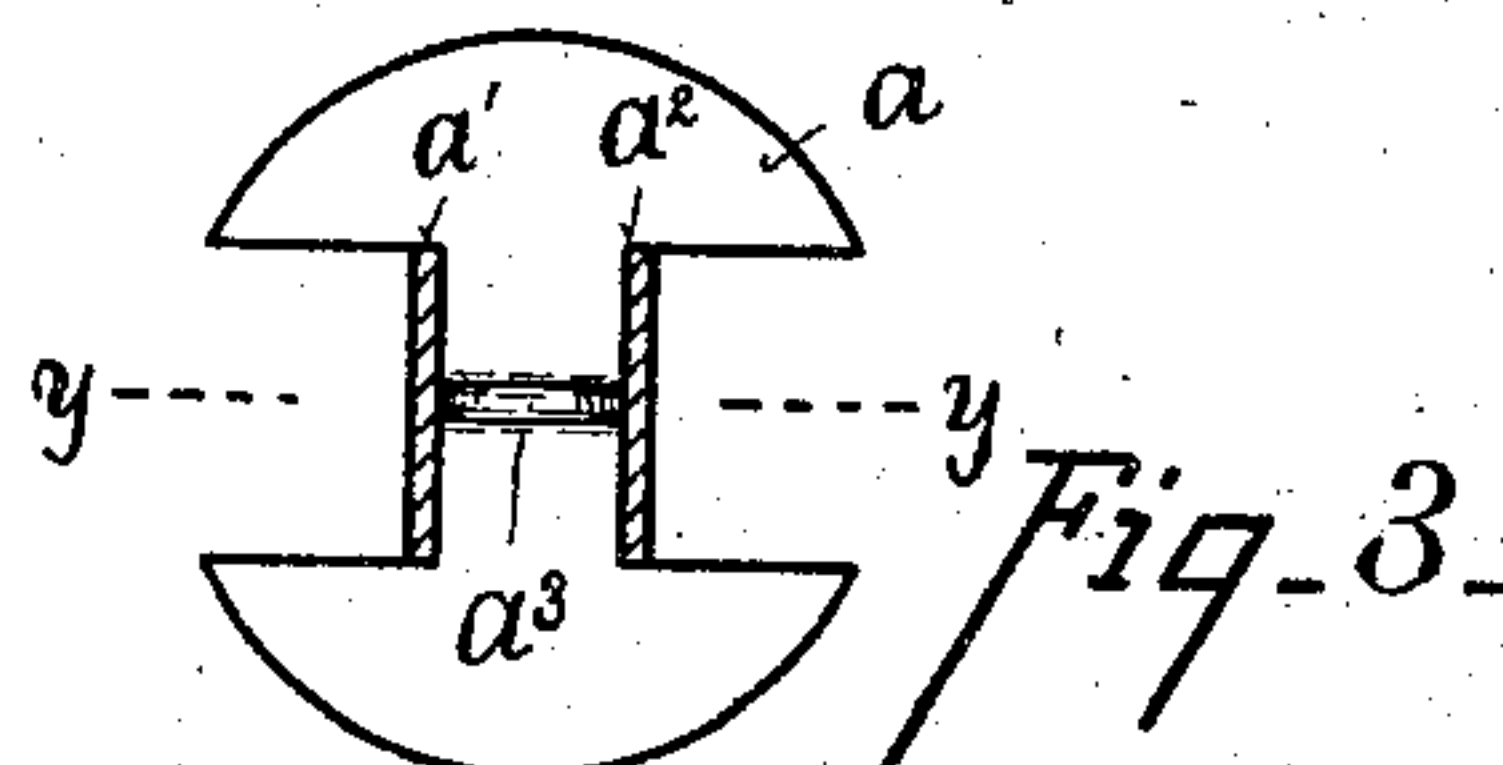
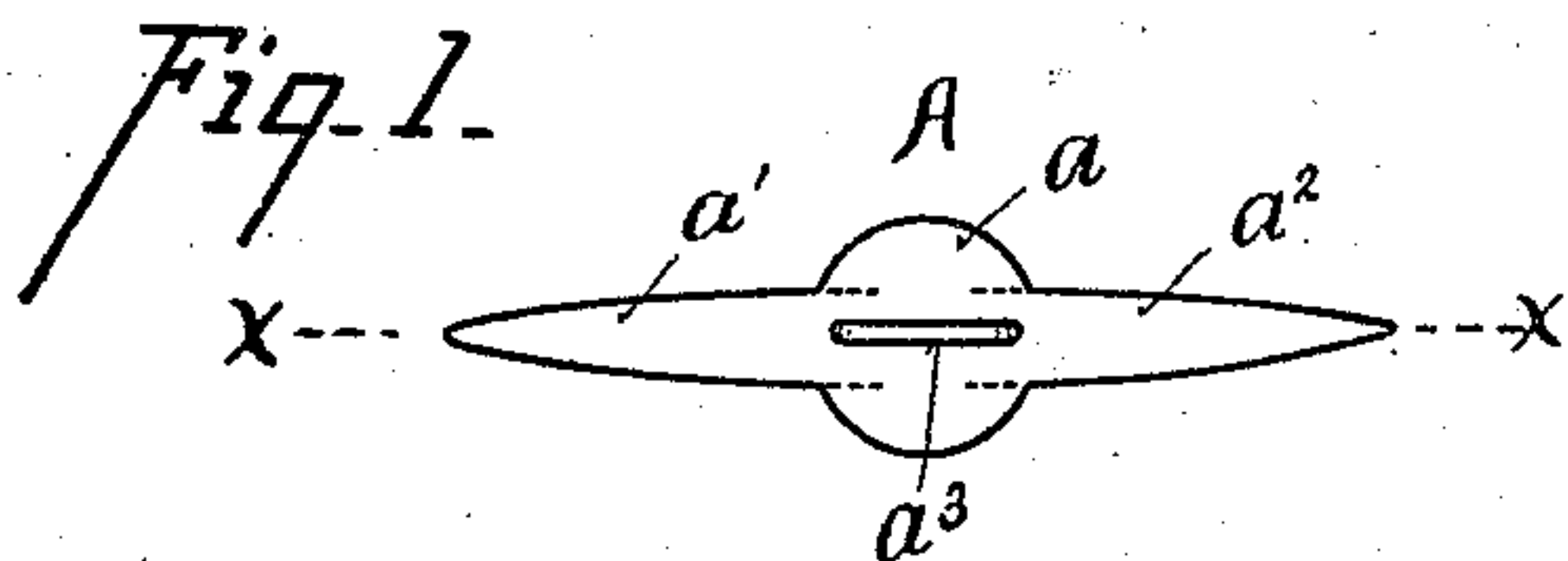
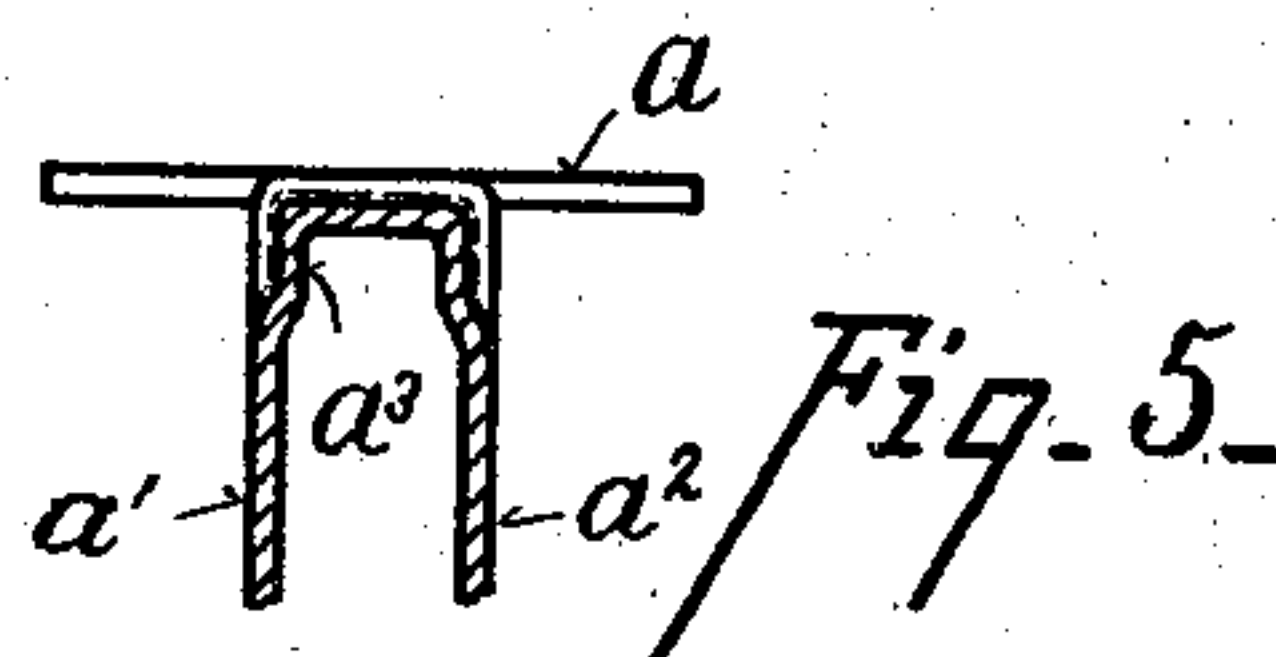
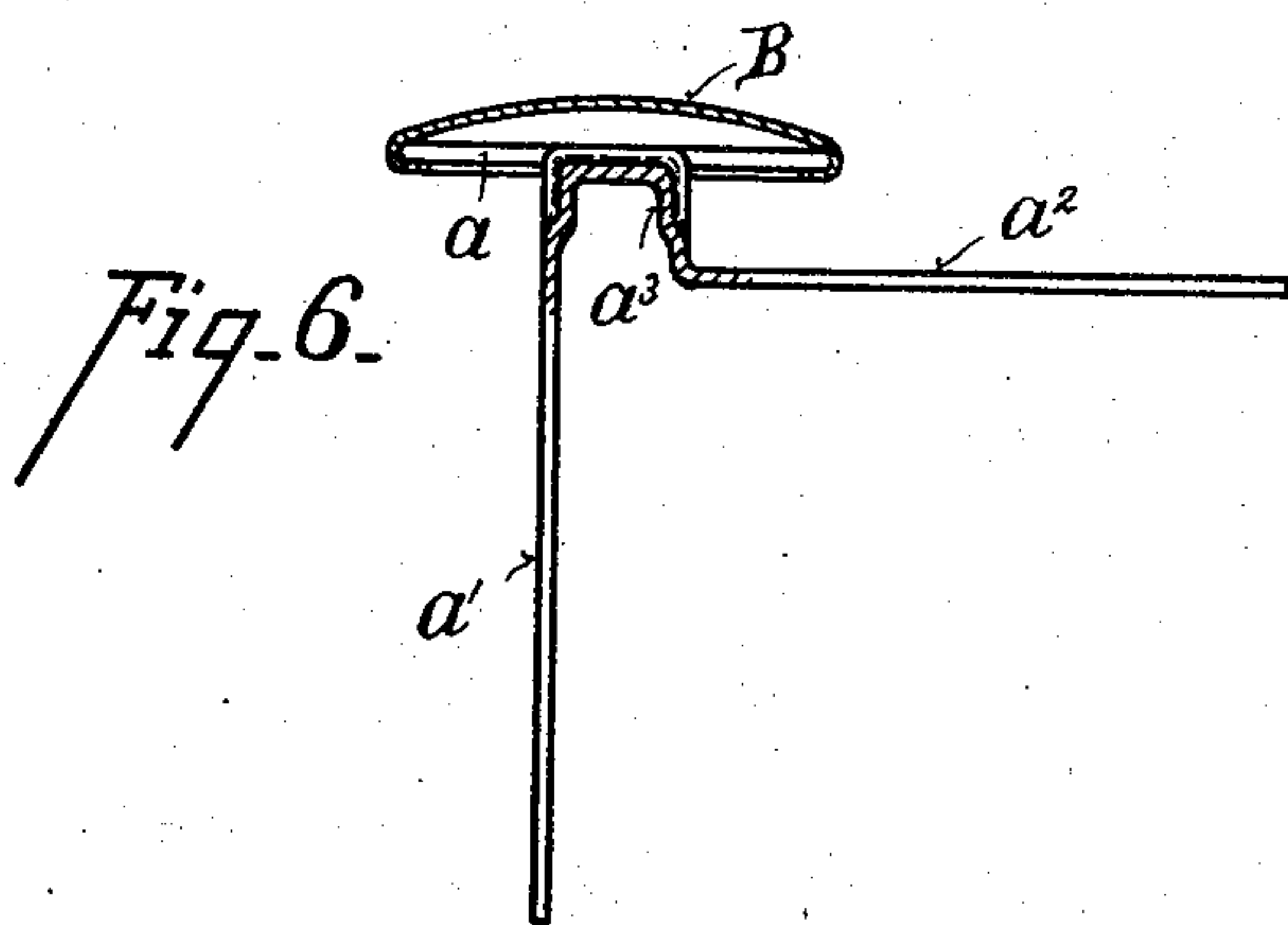
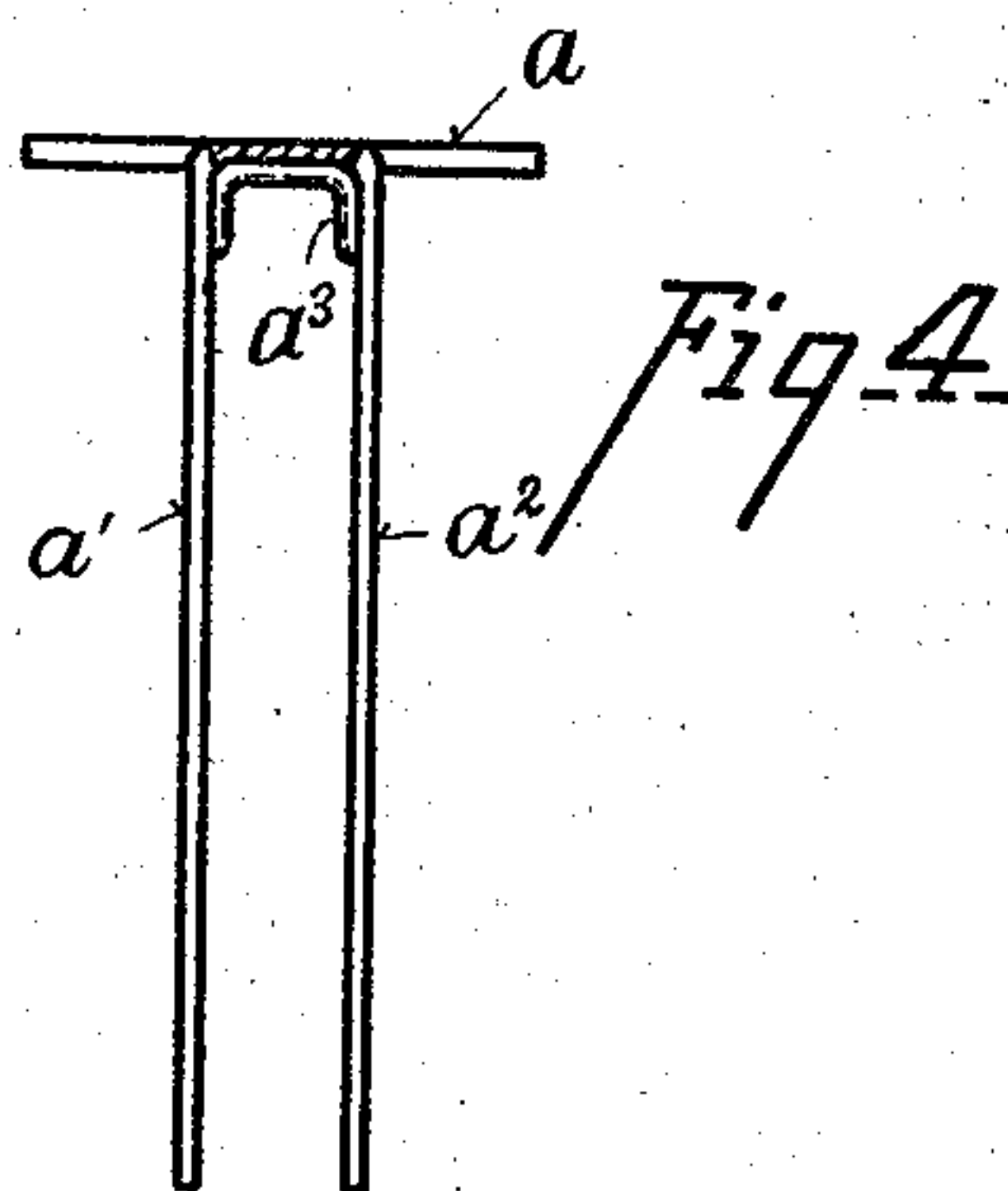


Fig. 2.



Witnesses

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TUFTING-BUTTON.

SPECIFICATION forming part of Letters Patent No. 695,468, dated March 18, 1902.

Application filed November 2, 1901. Serial No. 80,845. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK MARGGRAFF, a citizen of the United States of America, and a resident of Augusta, in the county of Bracken and State of Kentucky, have invented certain new and useful Improvements in Tufting-Buttons, of which the following is a specification.

The object of my invention is a tufting-button in bending the prongs of which no bending occurs at the point where the prongs join the back, in which the prongs when turned backward always bend at a predetermined distance from the back, and in the manufacture of which there is a minimum amount of waste material.

Referring to the accompanying drawings, Figure 1 is a plan view of a blank from which the back and prongs of a tufting-button embodying my invention are formed, the dotted lines showing the distance the prongs are to be cut into the back. Fig. 2 is a sectional view of the same, taken upon line xx of Fig. 1. Fig. 3 is a detail plan view of the same upon an enlarged scale, showing the prongs bent up at right angles to the back, the prongs being shown in section. Fig. 4 is a side elevation of the same with part of the back removed. Fig. 5 is a vertical sectional view taken upon line yy of Fig. 3. Fig. 6 is a side elevation, partly in section, of the completed button, showing one of the prongs bent over.

The blank A, comprising the back a and the prongs a' a^2 of my tufting-button, is stamped from a sheet, preferably, of wrought metal. A ridge or rib a^3 is struck up from blank A, coinciding with the longitudinal axis of the back and the prongs, crossing the center of the back and extending upon both sides thereof beyond the points to which the bases of the prongs are to extend a certain distance, depending upon the distance from the back it is desired to have the prongs bend in use. The prongs at their bases are cut into the back, the cuts extending a short distance beyond the ends of rib a^3 , and are then bent straight up at right angles to the back upon the same side thereof as rib a^3 , the ends

of which turn upward with the prongs, so that rib a^3 assumes the form of a brace between the back and the two prongs. Cap B then has its edges bent down over back a in a capping-machine, forming the completed button.

In use when a sidewise pressure is brought to bear upon a prong of my tufting-button it will bend invariably at a point just above the end of rib a^3 , thus preventing any bending at the point where the prong joins the back and giving the desired distance between the point of bending and the back.

The prongs being cut into the back and being bent straight up from the back it is seen that the length of a blank necessary to have the desired length of prongs is reduced, thus effecting a considerable saving in material.

What I claim is—

1. A tufting-button having its back and prongs integral and having a rib struck up from the back and the base of the prongs thereof, substantially as shown and described.

2. A tufting-button having the prongs near their bases cut into the back thereof, and having a rib struck up from the back and the base of the prongs thereof, substantially as shown and described.

3. As a new article of manufacture a blank cut from a sheet of metal having a central enlarged portion to form the back of a tufting-button, prongs projecting from opposite sides of the enlarged portion, and a rib struck up from the back and extending into the bases of the prongs, substantially as shown and described.

4. As a new article of manufacture a blank cut from a sheet of metal having a central enlarged portion to form the back of a tufting-button, prongs projecting from opposite sides of the enlarged portion, cuts extending into the enlarged portion in alinement with the edges of the prongs, and a rib struck up from the back and extending into the bases of the prongs, substantially as shown and described.

FREDERICK MARGGRAFF.

Witnesses:

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