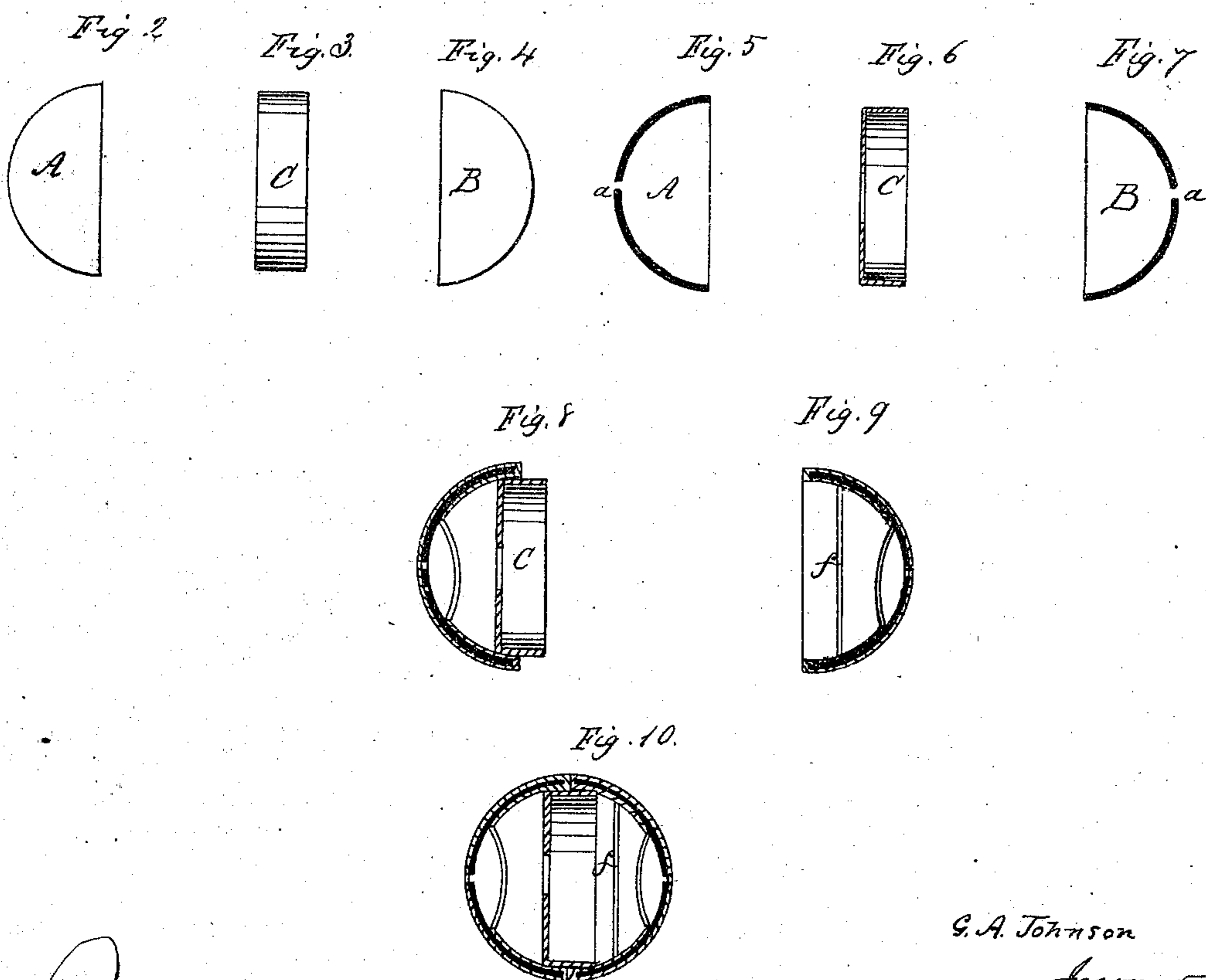
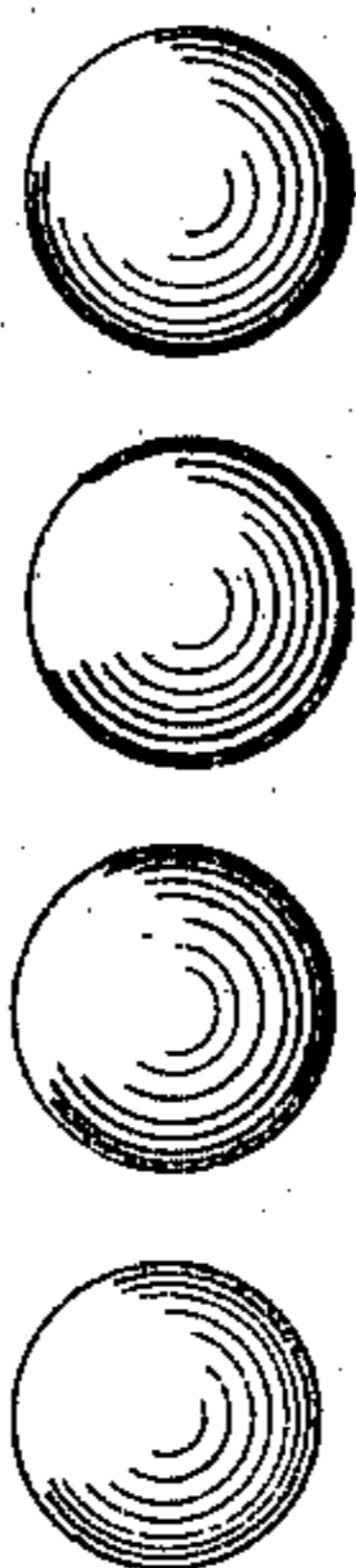


# G. A. Johnson, Dress-Trimmiings.

Nº 75,921.

Fig. 1. Patented Mar. 24. 1868.



Witnesses  
John H. Shanley  
A. J. Little

G. A. Johnson  
Inventor  
By his Attorney  
J. M. Earl

# United States Patent Office.

G. A. JOHNSON, OF OXFORD, CONNECTICUT.

*Letters Patent No. 75,921, dated March 24, 1868.*

## IMPROVEMENT IN DRESS-TRIMMINGS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, G. A. JOHNSON, of Oxford, in the county of New Haven, and State of Connecticut, have invented a new Improvement in the Manufacture of Dress-Trimnings; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, several of the drops or ornaments of a spherical form made by my improved plan.

Figures 2, 3, and 4, side views.

Figures 5, 6, and 7, sectional views of the three metallic parts composing the interior of the button; and in

Figures 8, 9, and 10, sectional views, showing the construction of the ornament.

This invention relates to an improvement in that class of trimmings called drop-buttons or ornaments, and which are usually of a spherical form, but of the particular form my invention has nothing to do.

Heretofore these ornaments have been made either of wood, and the covering cut in gores and glued thereto, or of two shells, each forming one-half, and then the two set together, the one shell fitting into the other. The first process is tedious and expensive, and the last does not produce an ornament with that symmetry of appearance desirable. By my improvement these objections are overcome, and an ornament most perfect in its construction and symmetry of appearance is produced; and the invention consists in the peculiar manner of uniting the two parts of the shell so as to completely hide the joint or union of the parts.

To enable others to construct my improvement, I will proceed to describe the same, as illustrated in the accompanying drawings.

I will first describe my invention as for making round balls. From suitable metal I strike and form two shells, A B, so that the two together form a perfect sphere, and perforate each shell, as at *a*, figs. 5 and 7. Then I form a metallic ring or disk, C, a little less diameter than the inside of the shells. Then, from the material with which the ball is to be covered, I cut two pieces, each of which is of sufficient size to cover one of the shells, and turn into the inside, as denoted in red, fig. 8, and in blue, fig. 9. Then into the one shell, fig. 8, I set the ring or disk C, and into the other a wad, *f*, of any suitable material, the ring or disk C securing the covering to its shell, and the wad securing the covering upon the other shell; then set the two parts together, as denoted in fig. 10. The ring or disk C entering the other part, and forced therein, secures the two parts firmly together. These several processes are performed by machines or dies similar to those used in common button-manufacturing. If the part C is a disk, it, too, should be perforated, so that the ball so formed may be strung or attached in the usual manner.

By this construction, the expense of manufacture is very much reduced, and the articles themselves are most perfect in form, and durable.

If other shape than that of a sphere be required, it is simply necessary to form the two ends accordingly; the ring or disk C being employed to unite the two parts, whatever may be the shape desired; therefore I do not confine myself to any particular form of ornament or button, but

I claim as my invention, and desire to secure by Letters Patent—

The dress-ornament, formed in two parts, covered as described, and secured together by the disk C, as set forth.

G. A. JOHNSON.

Witnesses:

H. W. RANDALL,

B. H. MERRICK.