

No. 750,798.

PATENTED FEB. 2, 1904.

A. A. BOISMAURE.
JEWEL MOUNTING.

APPLICATION FILED JUNE 6, 1903.

NO MODEL.

Fig. 1.

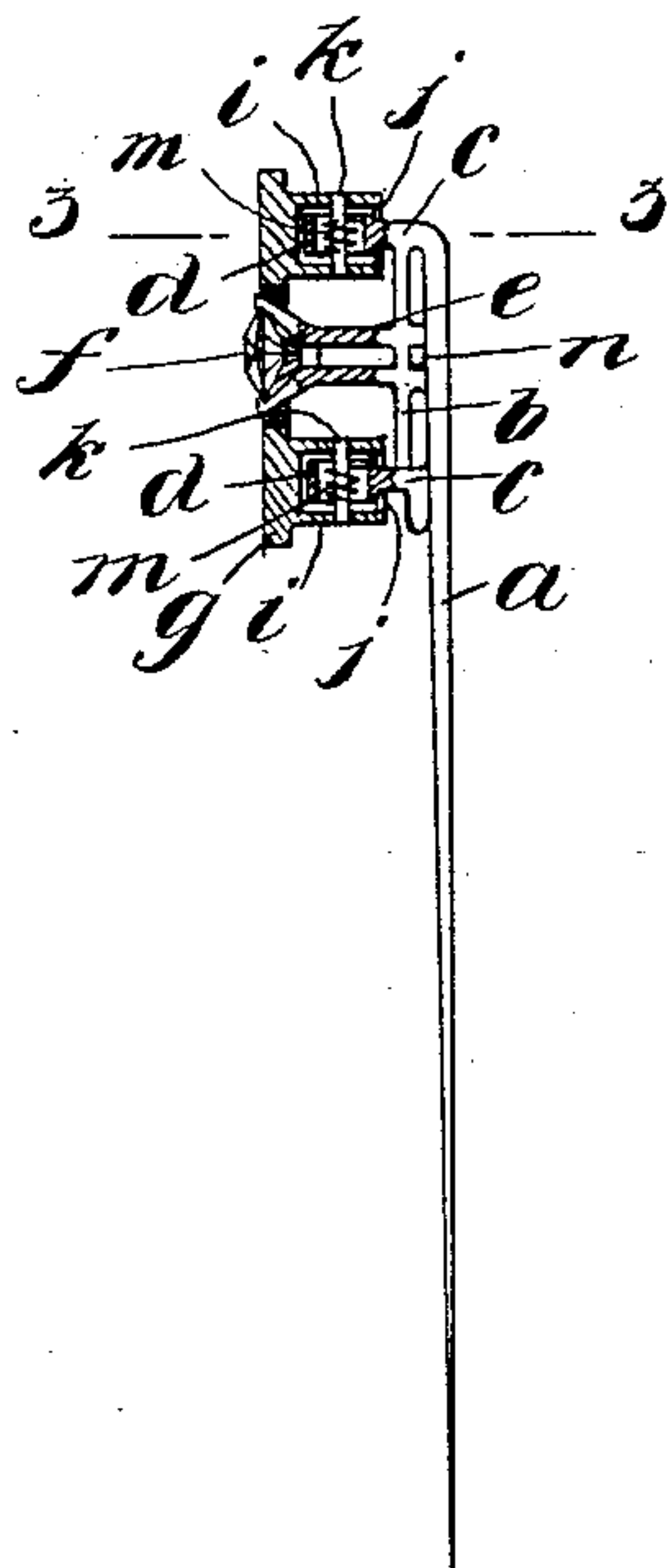


Fig. 2.

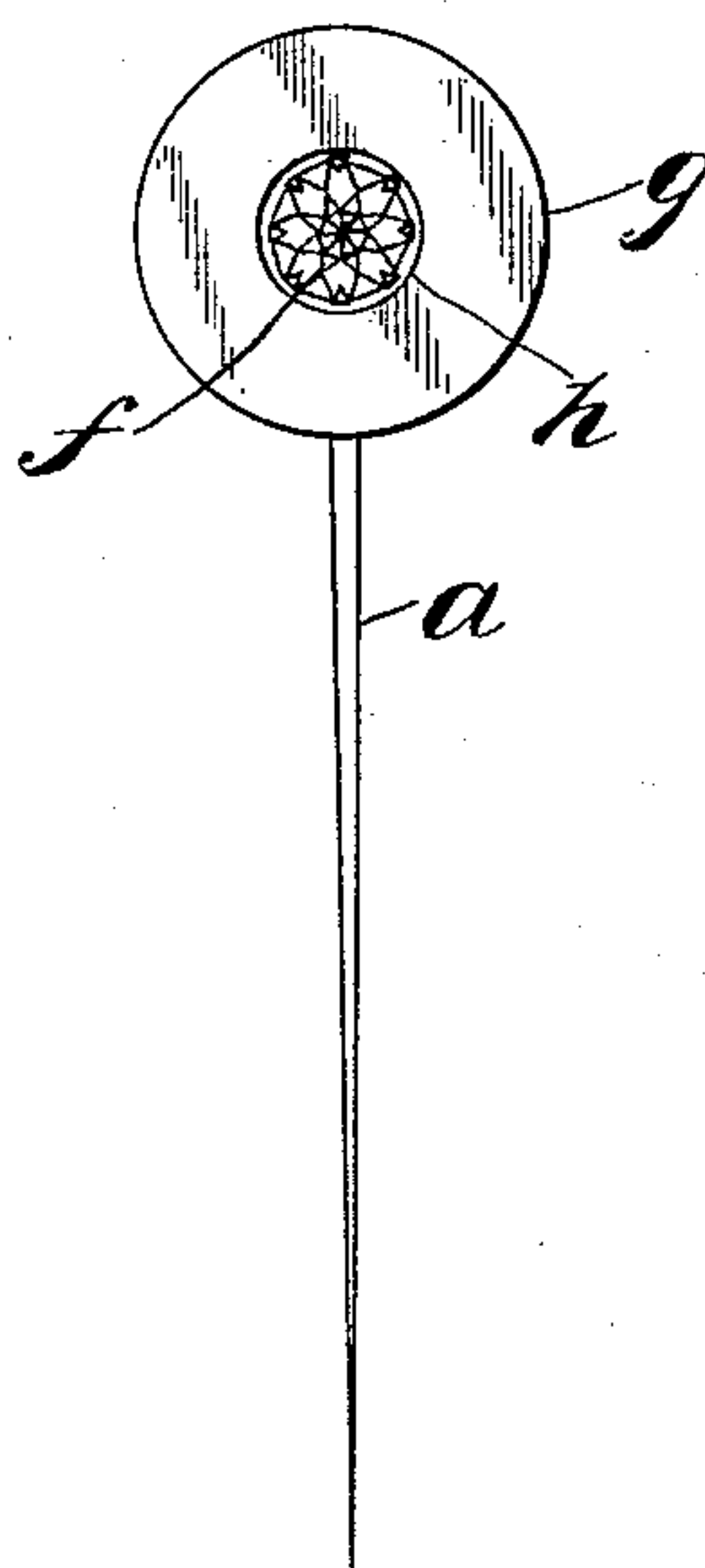
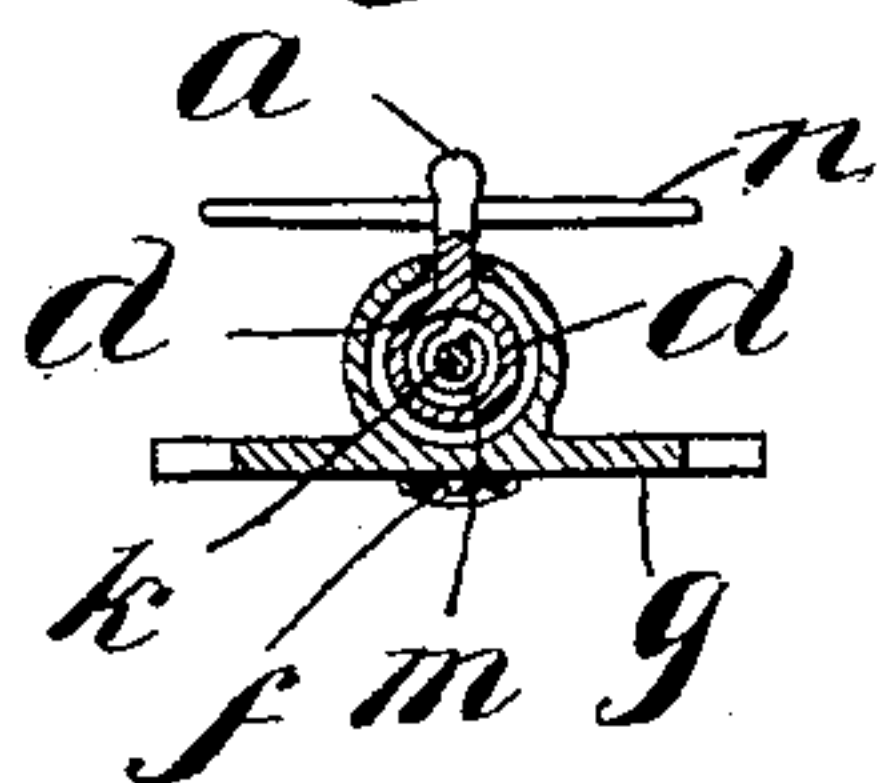


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

ALFRED A. BOISMAURE, OF NEW YORK, N. Y., ASSIGNOR TO THE BOIS-
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JEWEL-MOUNTING.

SPECIFICATION forming part of Letters Patent No. 750,798, dated February 2, 1904.

Application filed June 6, 1903. Serial No. 160,312. (No model.)

To all whom it may concern:

Be it known that I, ALFRED A. BOISMAURE, a citizen of the United States, residing at New York, in the county of New York and State
5 of New York, have invented certain new and useful Improvements in Jewel-Mountings, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

10 The object of this invention is to provide a jewel-mounting by means of which a jewel, precious stone, or other ornament may be supported in or surrounded by a vibratory member which is annular in general form and
15 which is resiliently connected with a stationary support, whereby increasing brilliancy, luster, and attractiveness are given to the ornaments.

The invention described and claimed in this
20 application is an improvement on that described and claimed in United States Letters Patent granted to me March 20, 1900, No. 645,909, and is fully disclosed in the following specification, of which the accompanying
25 drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

30 Figure 1 is a partial central vertical section of a jewel-mounting made according to my invention; Fig. 2, a front view thereof, and Fig. 3 a section on the line 3 3 of Fig. 1.

In the practice of my invention, as shown in the drawings, I provide a stick-pin *a*, the
35 larger end of which is provided with a longitudinal support *b*, which is rigidly secured thereto and which is provided with forwardly-directed members *c*, which are provided each with a hollow cylindrical member *d*, and the
40 support *b* is also provided centrally with a forwardly-directed arm *e*, which serves as a setting for a stone, jewel, or other ornament *f*. I also provide a vibratory member *g*, having a central opening *h*, in which the orna-
45 ment *f* is placed, and in the form of construction shown the vibratory member *g* is circular in shape; but this vibratory member *g* may be of any desired form.

The vibratory member *g* is provided with

two backwardly-directed members *i*, in each
50 of which is a recess *j*, and these recesses *j* open backwardly and receive the hollow cylindrical members *d* and pass vertically through the backwardly-directed members *i* of the vi-
55 bratory members *g*, and in the hollow cylindrical members *d* of the arms *c* is a pin *k*, and secured to each of these pins within the hollow cylindrical members *d* is a spring *m*. One
end of each of the springs *m* is secured to the corresponding pin *k* and the other end to the
60 corresponding hollow cylindrical member *d*, and as thus connected the member *g* will maintain a constant vibratory motion no matter how still or in what position the pin *a* be
65 held. The support *b* is also preferably provided with a transverse bar *n*, which bears on the article to which the pin *a* is attached and serves to hold all the parts of the mount-
70 ing in a forwardly-directed position; but this bar forms no essential part of this invention and may or may not be employed.

With this mounting it will be seen that the jewel or other ornament is supported in a sta-
75 tionary position, while the surrounding or inclosing member *g* is maintained at all times in a vibratory setting. Owing to this operation or vibration of the member *g* a brilliant and attractive effect is produced at all times.

Although I have also shown only one jewel
80 or ornament *f* in the stationary setting, it will be apparent that a number or cluster of jewels or ornaments may be so supported, if desired, and it is evident that the mounting herein de-
85 scribed may be applied to a great number of forms and styles of jewelry, precious stones, and other ornaments, and various changes in and modifications of the construction herein
described may be made without departing from the spirit of my invention or sacrificing
its advantages. It will also be apparent that
90 the pin *a* is not an essential element of the invention, and the mounting herein described may be used as a brooch and in various other forms.

Having fully described my invention, what
I claim as new, and desire to secure by Letters
Patent, is—

1. A device of the class described, compris-

ing a support, a central stationary setting for a precious stone or other ornament, and a vibratory member surrounding said setting and resiliently connected with said support, substantially as shown and described.

2. A device of the class described, comprising a support, a stationary setting for a precious stone or other ornament connected therewith, said support being also provided with forwardly-directed hollow cylindrical members at the opposite sides of said setting, and a vibratory member surrounding the setting and provided with backwardly-directed hollow members adapted to receive said cylindrical members, and pins passed vertically through said backwardly-directed members and through said hollow cylindrical members and provided with springs which are secured

thereto and to said hollow cylindrical members, substantially as shown and described.

3. A device of the class described, a frame or support, a central setting for a jewel or other ornament, and an annular member inclosing said setting and resiliently connected with the frame or support whereby said annular member is maintained in a state of vibration, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 4th day of May, 1903.

ALFRED A. BOISMAURE.

Witnesses:

F. A. STEWART,
C. E. MULREANY.