(Model.)

D. F. ADAMS.

BACK AND FRONT OF ARTICLES OF JEWELRY.

No. 358,242. Patented Feb. 22, 1887.

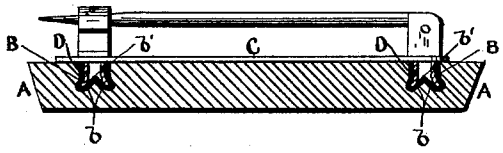


FIG. 1.

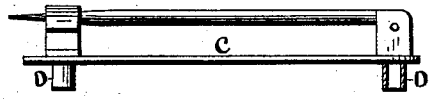


FIG. 2.

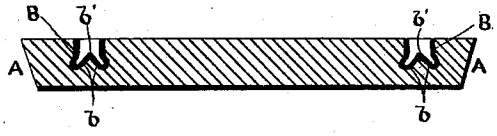


FIG. 3.

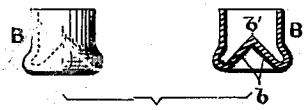


FIG. 4.

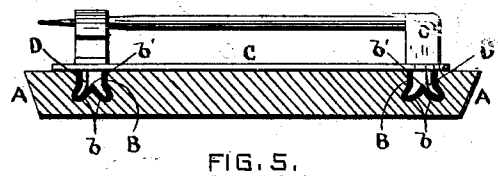


FIG. 5.

WITNESSES.

Geo W Cady

E W Gondolf

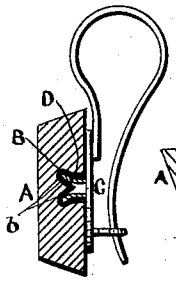


FIG. 6.

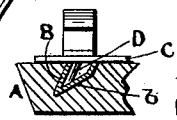


FIG. 7.

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UNITED STATES PATENT OFFICE.

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BACK AND FRONT OF ARTICLES OF JEWELRY.

SPECIFICATION forming part of Letters Patent No. 358,242, dated February 22, 1887.

Application filed September 21, 1886. Serial No. 214,194. (Model.)

To all whom it may concern:

Be it known that I, DEWEY F. ADAMS, a citizen of the United States, residing at Providence, county of Providence, and State of Rhode Island, have invented a new and useful Improvement in Attaching the Backs and Fronts of Articles of Jewelry, &c.; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a description thereof.

The invention relates to breastpins, ear-rings, and other articles of jewelry, &c., the fronts of which are composed of glass or other material capable of being molded into shape; and it consists in providing the front with one or more eyelets or cups, which are embedded therein and are provided with an inclined bottom, and in furnishing the back with one or more spurs adapted to enter said cup or cups, so that when the parts are combined and pressed together the free ends of the spurs will be bent or turned, and thereby hook and secure the two parts to each other.

In the accompanying drawings, Figure 1 shows a side view, partially in section, of a breastpin embodying the invention. Fig. 2 represents a side view of the back member before it is applied. Fig. 3 shows a longitudinal section of the front member. Fig. 4 represents, enlarged, in side view and in section, the eyelet or cup which is embedded in the front member. Fig. 5 shows a side view, partially in section, of a front and back member combined, the latter being provided with spurs in the form of pieces of wire. Fig. 6 represents a side view, in partial section, of an ear-ring embodying the invention. Fig. 7 shows in section a portion of a breastpin having a cup of modified form embedded in the front member.

A is the front member, which may be composed of glass, celluloid, or other material capable of being molded into shape. Embedded in the front member are one or more eyelets or cups, B, having their bottoms *b* inclined downwardly from a central point, *b'*, and said cups are preferably made larger at the bottom than at the top, partially or entirely, so as to be securely retained in the front.

C is the back member, which is provided with as many spurs D as there are cups in the front member. As shown in Figs. 1, 2, and 6, these spurs are tubular, and are of a size to enter the cups B.

When the back and front members are to be combined, the spurs D are inserted into the cups B and the parts are pressed together, which cause the inclined bottoms *b* of the cups to turn or bend the free ends of the spurs D outwardly, thereby enlarging said ends and hooking or securing the back to the front member.

In place of making the spurs D tubular, as just described, such spurs may be solid and in the form of wires, as shown in Fig. 5, the free ends of which will be bent to one side by the inclined bottom *b* of the cups B when the back and front members are forced together, and thereby hold the parts securely attached.

The use of the cups B, embedded in the front member to receive the spurs D, enables the rear face of said member to be ground off flat, so as to receive and perfectly fit the back member, and enables said back to be polished, to present a better appearance; and said cups and spurs furnish a secure means of fastening or attaching the back and front members without the use of cement, as ordinarily practiced, which latter method of fastening is extremely insecure.

The cups are embedded in the front member during the process of molding said member. By using the cups the desired form of cavity in the front member to receive and hold a spur D is very easily and inexpensively secured, which would not be the case were no cups employed, but the cavities produced by drilling or cutting away the material of the front member. The cups also considerably strengthen and re-enforce the front member (particularly when the same is of fragile material, like glass) and prevent it from splitting, flaking off, or breaking when the back member is being combined therewith, and also during any strain that would tend to separate the members.

As shown in Fig. 7, the bottom *b* of the cup B, instead of being inclined downwardly from a central point, may be inclined in one direc-

tion only, such inclination operating to turn or bend the free end of the wire spur D to one side.

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

1. The member A, composed of glass or other material capable of being molded and having a cup or cups, B, provided with an inclined bottom embedded therein, substantially as and for the purposes specified.

2. The combination, with the member A, having a cup or cups, B, provided with an inclined bottom embedded therein, of a back member furnished with a spur or spurs inserted into said cups and bent to one side, thereby holding the two members together, substantially as set forth.

3. The combination, with the member A, having a cup or cups, B, embedded therein and provided with a bottom inclined downwardly from a central point, of a member, C, having a tubular spur or spurs, D, inserted into said cup or cups and bent outwardly at the free end, thereby holding the two members together, substantially as set forth.

DEWEY F. ADAMS.

Witnesses:
EDSON SALISBURY JONES,
E. W. GONDOLF.