

(No Model.)

C. A. RUSSELL.
DETACHABLE HEAD FOR RINGS, &c.

No. 461,926.

Patented Oct. 27, 1891.

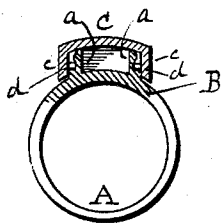


FIG. 1.

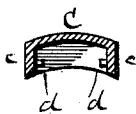


FIG. 2.

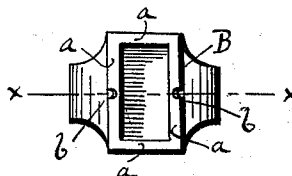


FIG. 3.

WITNESSES,

Allan H. Willett

Warren R. Pene

INVENTOR,

Charles A. Russell

UNITED STATES PATENT OFFICE.

CHARLES A. RUSSELL, OF PROVIDENCE, RHODE ISLAND.

DETACHABLE HEAD FOR RINGS, &c.

SPECIFICATION forming part of Letters Patent No. 461,926, dated October 27, 1891.

Application filed January 2, 1891. Serial No. 376,521. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. RUSSELL, of the city and county of Providence, in the State of Rhode Island, have invented a certain new and useful Improvement in Detachable Heads for Rings and other Articles of Jewelry; and I declare the following to be a specification thereof, reference being had to the accompanying drawings.

Like letters indicate like parts.

Figure 1 is a view of my invention as applied to a finger-ring and is shown with the shank of the ring in top plan and the head in section on line *xx* of Fig. 3. Fig. 2 is a central transverse section of the detachable ornamental head. Fig. 3 is a front elevation of my invention as applied to a finger-ring as seen after the detachable head is removed.

My invention is adapted for use upon rings, lockets, sleeve-buttons, breastpins, and other articles of jewelry which have an ornamental head, knob, or front piece; and it consists in providing such articles of jewelry with a box-like head integral therewith and having plane sides and indentations therein, and combining with the same an ornamental head-piece having plane sides adapted to slide over and fit snugly on the outer sides of said box-like head and provided with pins which engage in said indentations by the resiliency of the stock, as hereinafter particularly specified.

In the drawings I illustrate my invention as applied to a finger-ring.

A represents the shank of the ring, and B the enlarged part thereof, which is to bear the ornament. A box-like structure is made integral with said enlarged part and consists of plane walls or rims *a*, projecting outwardly in a direction at right angles to the imaginary chord of the arc inclosed by the bases of said walls. Within these walls a recess is formed for the sake of reducing the weight and saving stock. The walls *a* have indentations or notches *b* on their outer sides. The ornamental head C has a stone or suitable design in front and also plane sides *c*, adapted to fit snugly over and upon the walls *a* of the ring portion, and on the inner surfaces of said sides *c* are rigid pins *d*, placed and adapted so as to enter and engage with the indentations *b* of the walls *a*.

In the drawings the walls *a c* are somewhat exaggerated in thickness, so as to show more clearly the indentations and the engagement of the pins therewith; but in practice these walls should be comparatively thin and made of stock having sufficient resiliency to permit the pins to spring into engagement in the sockets.

Finger-rings so made are of great advantage to use with stones or fronts marked with initial letters, society-emblems, &c., so that the same ring may be fitted with any selected ornamental head, and the dealer in such goods need carry only a limited stock of rings, with a variety of detached head-pieces, which can be instantly put together to suit the customer; or a person having but one ring may have several ornamental fronts or stones which may be attached to the ring or detached therefrom at pleasure. In like manner lockets, breastpins, sleeve-buttons, &c., may be made with the common parts provided with the fixed walls *a*, while the front or ornamental portions are detachable from the article and adapted to be united with it, as hereinbefore specified.

It is evident that the walls *a c* need not be rectangular in cross-section, as shown in the drawings, but may as well be oval or in other desired forms.

To detach the ornamental head C from the ring or other article with which it is connected it is only necessary to seize said head firmly and draw it off with considerable force, so that the pins are sprung out of the indentations, enabling the parts to separate.

I claim as a novel and useful invention and desire to secure by Letters Patent—

In combination with an article of jewelry having walls *a* projecting therefrom in front and made with indentations *b*, an ornamental head or front piece C, having walls *c* adapted to fit upon said walls *a* and provided with pins *d* to engage with the indentations *b* by the resiliency of the stock, substantially as specified.

CHARLES A. RUSSELL.

Witnesses:

ALLAN H. WILLETT,
WARREN R. PERCE.