

(No Model.)

A. RAMMOSER,
BUTTON OR STUD.

No. 413,763.

Patented Oct. 29, 1889.

Fig. 1.

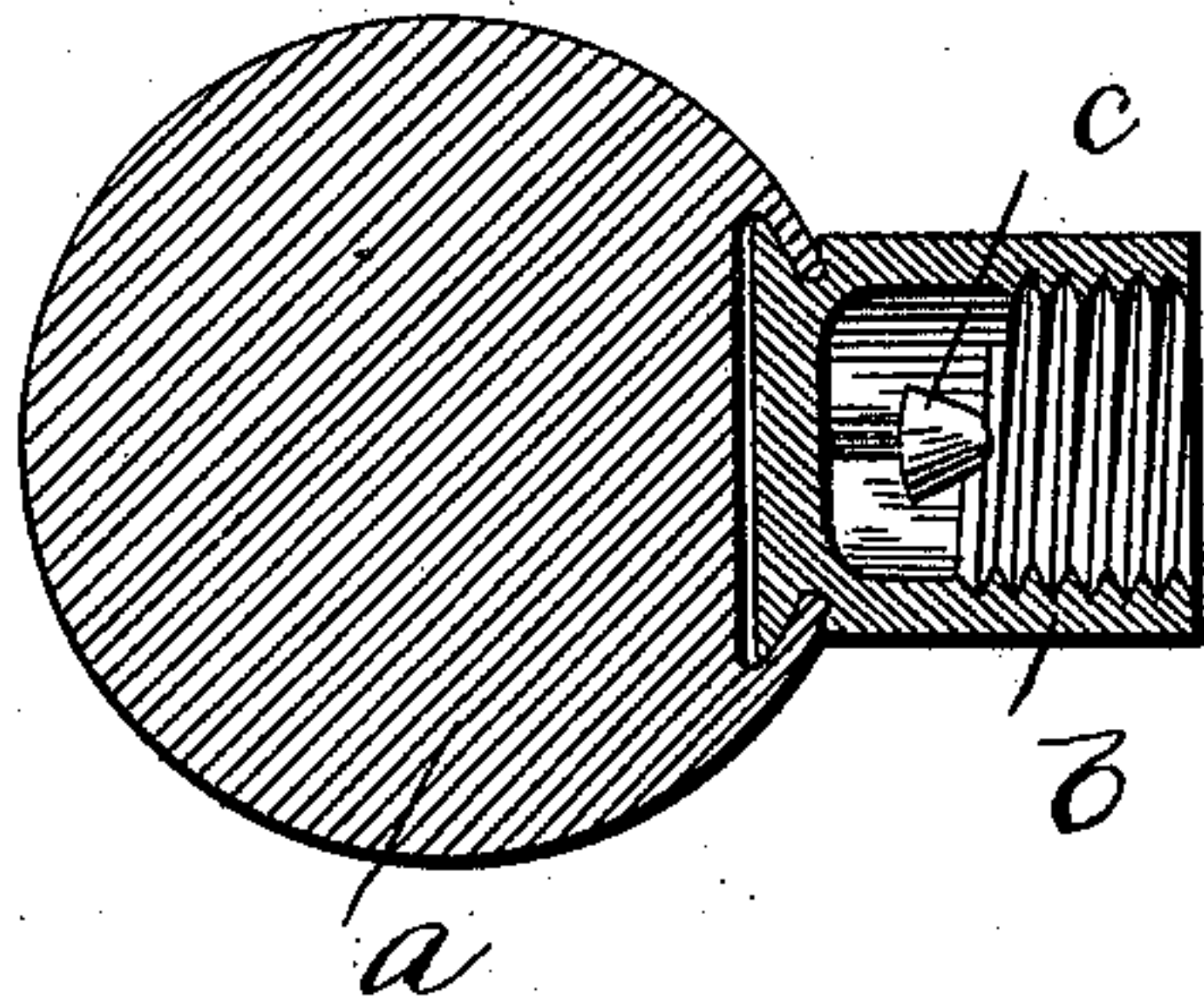
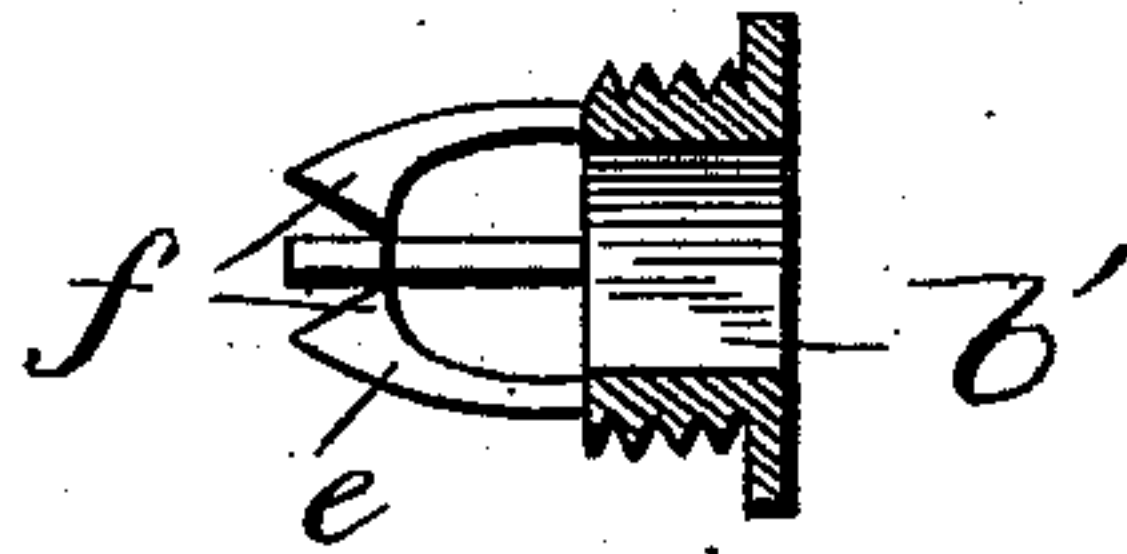


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

ALBERT RAMMOSER, OF BERLIN, GERMANY.

BUTTON OR STUD.

SPECIFICATION forming part of Letters Patent No. 413,763, dated October 29, 1889.

Application filed August 8, 1887. Serial No. 246,475. (No model.)

To all whom it may concern:

Be it known that I, ALBERT RAMMOSER, merchant, of Berlin, in the Kingdom of Prussia and German Empire, have invented new and useful Improvements in Safety Screw Fastenings, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention is an improvement in buttons, and relates particularly to that class of buttons which are made in two parts, the parts being detachable from each other.

The invention consists in the details of construction particularly described, and made the subject of the annexed claim.

In the accompanying drawings, Figure 1 represents a sectional view of the upper part of the button, and Fig. 2 a like view of the lower half.

The head of the button is shown at *a*, and may be of any desired shape and composed of any suitable material. It is connected to a tubular shank *b*, screw-threaded internally, and projecting from the central inner portion is a headed stud *c*, the head being made approximately cone-shaped, with square shoulders in the rear of the head. The lower half of the button is provided with a screw-threaded exterior surface, which is adapted to the screw-threads of the part *b*. Spring-arms project from the end of the lower half

b', as shown at *e*, and these curve inwardly, so as to form a series of hooks, as at *f*, which are adapted to hook over the headed stud *c* of the upper half. The outer faces of the spring-arms are made flaring, so that as the lower half is screwed in place within the upper half the cone shape of the stud acting upon the flaring ends of the spring-arms spreads them until the hooks catch behind the shoulders of the stud *c*, and this will prevent any tendency of the parts to become unscrewed under the ordinary strain which is placed upon them.

I claim as my invention—

In a two-part button, a tubular shank screw-threaded internally, having a headed stud extending into the center thereof at its inner extremity, the other part of said button being screw-threaded, corresponding to the tubular portion, and having spring-arms provided with inclined ends to slip over the headed stud and inwardly-extending points to catch behind the head, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

ALBERT RAMMOSER.

Witnesses:

B. ROI,

FRIEDRICH SCHWINSON.