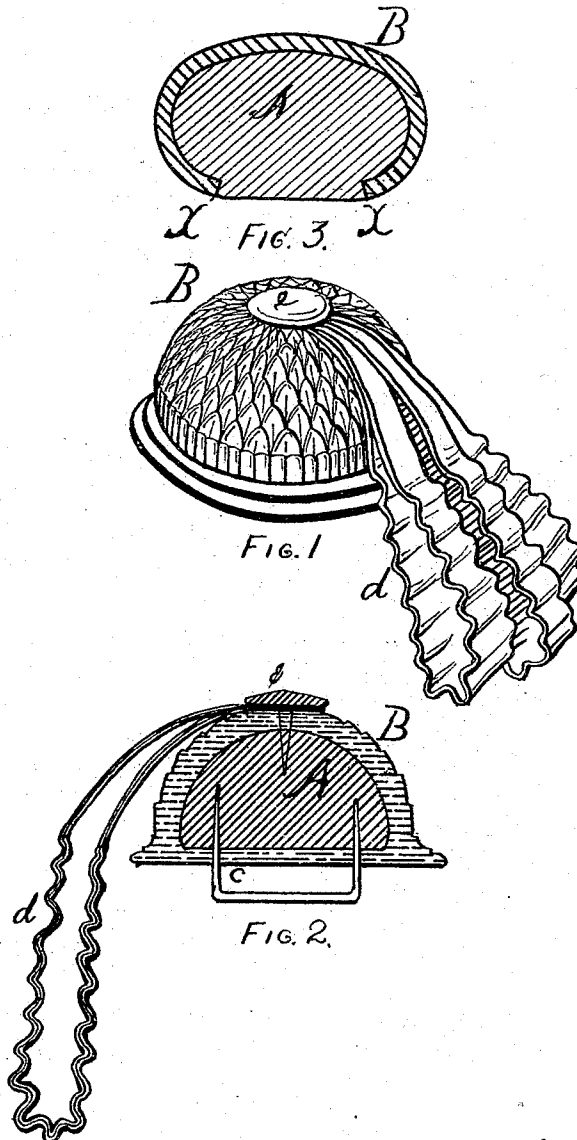


G. A. KEENE.
ROSETTES FOR HARNESS.

No. 172,324.

Patented Jan. 18, 1876



Harmon & Parker
E. B. Raymond } Witnesses

Inventor?
Geo A Keene

UNITED STATES PATENT OFFICE.

GEORGE A. KEENE, OF LYNN, MASSACHUSETTS.

IMPROVEMENT IN ROSETTES FOR HARNESS.

Specification forming part of Letters Patent No. **172,324**, dated January 18, 1876; application filed June 23, 1875.

To all whom it may concern:

Be it known that I, GEO. A. KEENE, of Lynn, Massachusetts, have invented an Improvement in Rosettes for Harness-Trimming, &c., of which the following is a specification:

This invention consists in forming a rosette by the following-described process, to make a product cheaper and more durable than the leather rosette in common use, by molding any suitable material over a core of cheaper material. It is necessary that the material covering the core should be capable of easy molding, and it is desirable that it should possess elasticity. Soft rubber or caoutchouc furnishes the best covering, from its resiliency, which allows the receiving of dents and blows without appreciable injury, and from the ease and facility with which it is molded to the core by the vulcanizing process.

I will explain my invention with the aid of the accompanying drawing forming part of this specification.

Figure 1 is a perspective of the rosette with the ribbon attached. Fig. 2 is a vertical section of the same; and Fig. 3 is a vertical section, showing the core formed with a shoulder, with the envelope abutting against the same.

A is the core, of any desired material, made with or without a shoulder, K, as represented in Fig. 3, and covered with rubber B, soft, vulcanized, and molded over the core in any desired design. If the shoulder K is used the rubber envelope B is made to abut against the same, and does not cover the base of the core. A staple, c, furnishes means for fastening the rosette to the harness. The ribbon d is made of rubber vulcanized over strips of cloth or other fibrous suitable strength to form a base upon which to mold. The top of the rosette is recessed to receive the ends of the ribbon d, which is secured therein by the button e.

I construct the rosette as follows: The core A, with or without the shoulder A', is provided with three holes and the recess for holding the ends of the ribbon d. Two are pierced in the base for the shank of the staple c, and one in the top of the recess for the shank of the tack or nail holding the button e. The core is then placed in a suitable mold, covered with rubber stock, and permanently united around the core, and molded to any shape by heat and pressure. The staple c is then inserted, and the ribbon looped and fastened to the top of the rosette in the recess by the button e. In forming the rubber ribbon the strips of cloth are surrounded with rubber, inclosed in a mold, and united with each other by heat and pressure.

The advantages of this construction are cheapness and durability—in cheapness, because they can be manufactured at one-fifth the cost of the rosette now in use; in durability, because the resilient quality of the elastic envelope allows blows to be given and dents to be received without marring the rosette. The covering cannot tarnish or rust, and is not injured by action of the weather.

I claim and desire to secure by Letters Patent of the United States—

1. As a new article of manufacture, a rosette consisting of a core enveloped with a resilient covering vulcanized thereon, and a molded rubber ribbon looped and fastened thereto, substantially as described.

2. In a rosette, the combination of a core provided with a shoulder with the resilient covering enveloping the same, or abutted against the shoulder, substantially as described.

GEO. A. KEENE.

Witnesses:

THOS. WM. CLARKE,
F. F. RAYMOND.