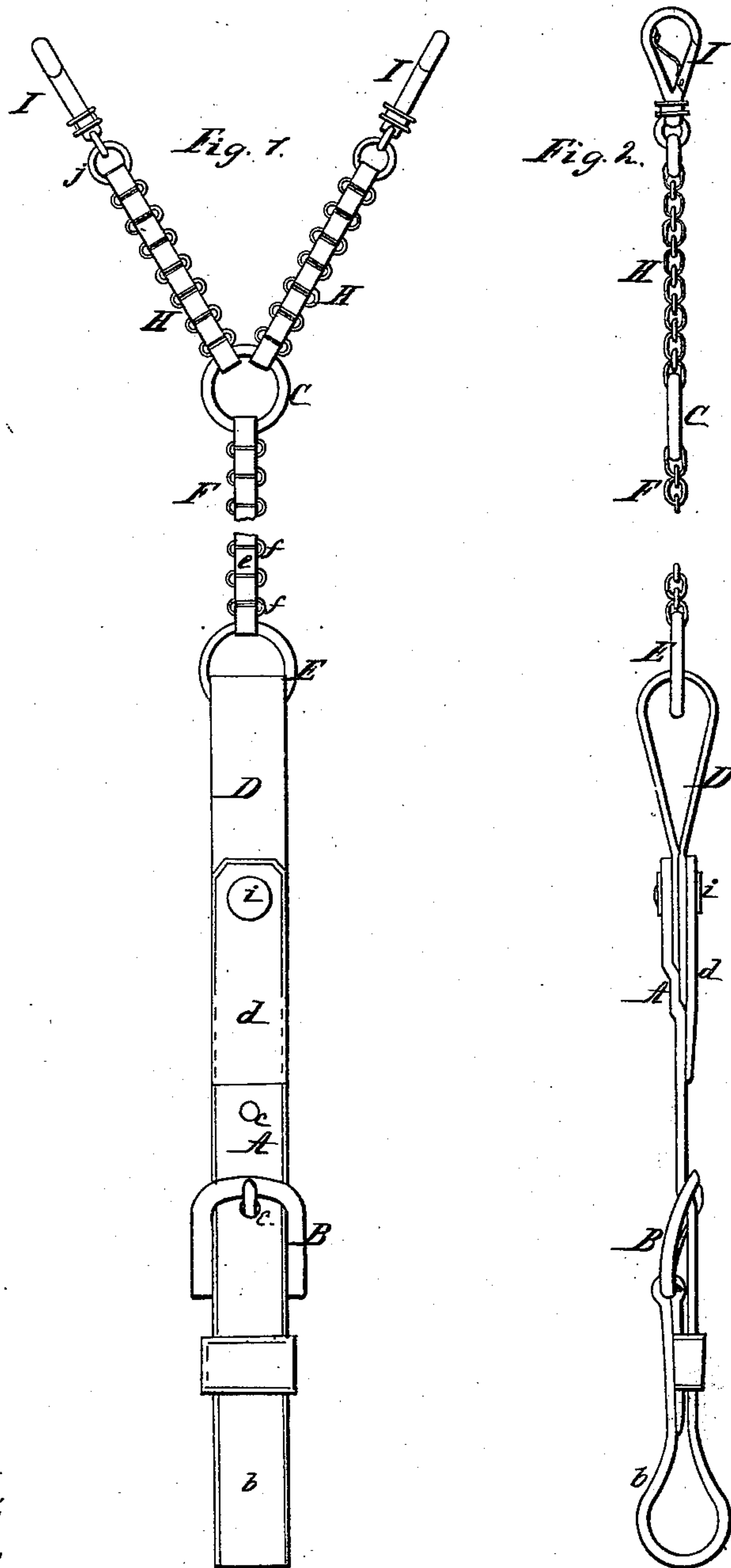


P. J. McGuiness,

Bridle.

N^o 84,643.

Patented Dec. 1, 1868.



Witnesses:
L. Haller
P. F. Dodge

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United States Patent Office.

PATRICK J. MCGUINNESS, OF NEW YORK, N. Y.

Letters Patent No. 84,643, dated December 1, 1868.

IMPROVED MARTINGALE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, PATRICK J. MCGUINNESS, of New York, in the county of New York, and State of New York, have invented certain new and useful Improvements in Standing Martingales; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to martingales, and consists in the construction of a novel and highly ornamental standing martingale, by the union of a leather loop and fancy metallic chain with a double India-rubber elastic strap, as hereinafter described, as a new article of manufacture in the trade.

In the drawings—

Figure 1 is a plan view, and

Figure 2 is an edge or side view.

I am aware that standing martingales have been long used, and constructed out of various materials, and with different kinds of ornamentation. They have, however, been generally constructed of leather alone, or of leather and some other non-elastic substance.

My object is to produce a highly-ornamental standing martingale of leather, bright metallic fancy chain, and India rubber, for use on high-spirited horses, as a new article in the trade.

My martingale consists of a leather strap, A, formed into a loop, *b*, at one end, and provided with a buckle, B, for shortening or lengthening the martingale in the usual way, as shown in figs. 1 and 2, and, at the other end, connected to a double India-rubber elastic strap, D, by a rivet, *i*, which passes through both, and through

a short strap, *d*, sewed to strap A, to make the connection strong, as shown in fig. 2.

To the India-rubber loop D, I connect a fancy metallic flat-tube chain, F, by means of the metal ring E, and to the chain F, I connect two shorter metallic flat-tube chains H, by means of the metal ring C, and attach to their loose ends, by metal rings *j*, swivelled snap-hooks I.

The metallic flat-tube chains are formed of short pieces of tube, *e*, slightly flattened, and connected by wire links *f*.

This chain may be plated with gold or silver, when it presents a rich, bright, massive, and highly-ornamental appearance.

My martingale is used in the ordinary way. The sircingle is passed through the loop *b*, and the snap-hooks I are attached to the ends of the bridle-bit, and the buckle B is adjusted so as to make the martingale of the desired length.

However high-spirited the horse may be, the elastic-rubber loop D gives, or allows him to move his head, and thus keep the chain in constant motion, which, from the peculiar manner of its construction, will, when gilded, present a bright, glittering, and very ornamental appearance.

Having thus described my invention,

What I claim, is—

As a new article of manufacture, an ornamental elastic standing martingale, consisting of the leather loop A, rubber elastic strap D, metallic flat-tube chains H, and swivelled snap-hooks I, all constructed and arranged as herein described.

PATRICK J. MCGUINNESS.

Witnesses:

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