

No. 612,130.

W. S. HAMMOND.
PUZZLE.

Patented Oct. 11, 1898.

(Application filed Aug. 27, 1897.)

(No Model.)

FIG. 1.

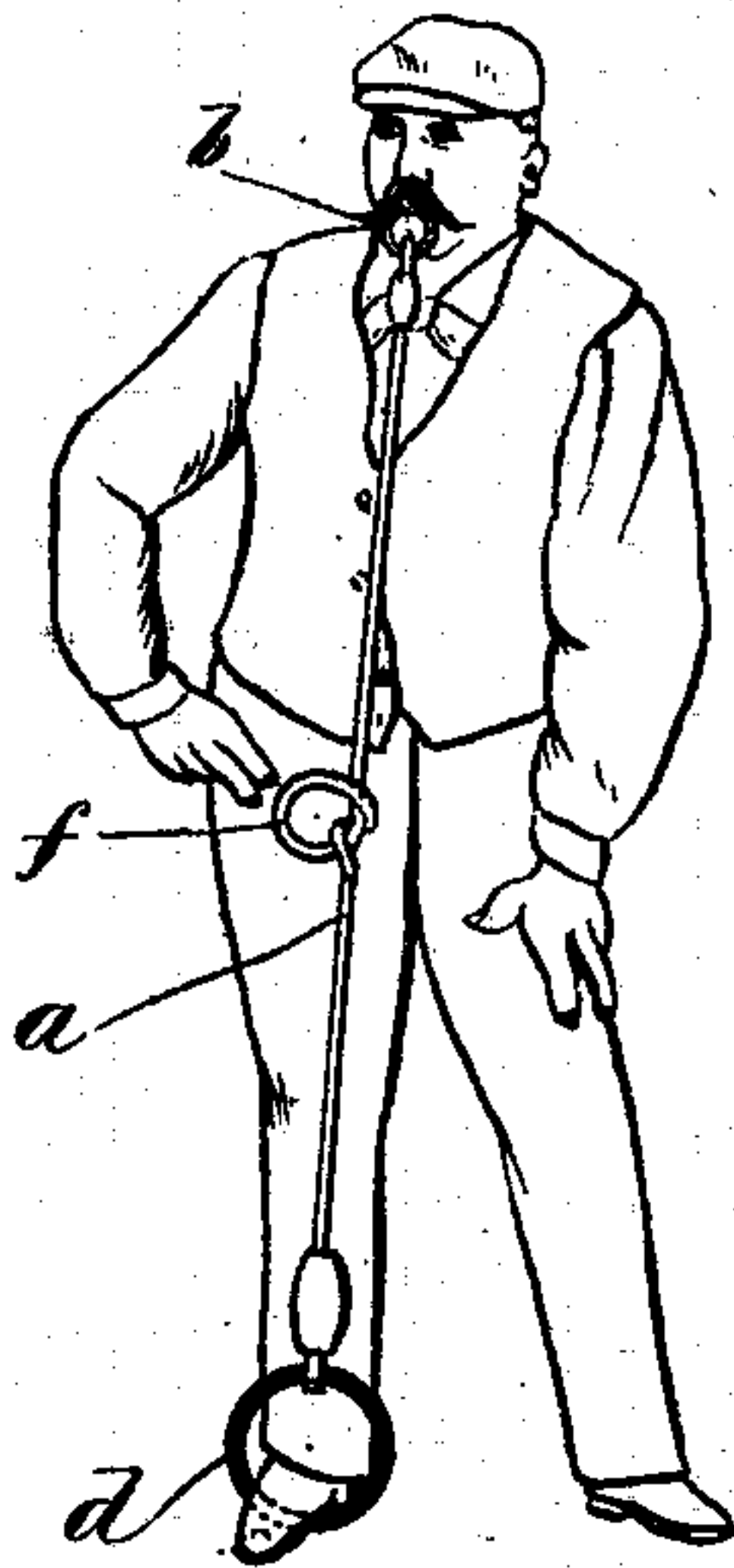


FIG. 2.

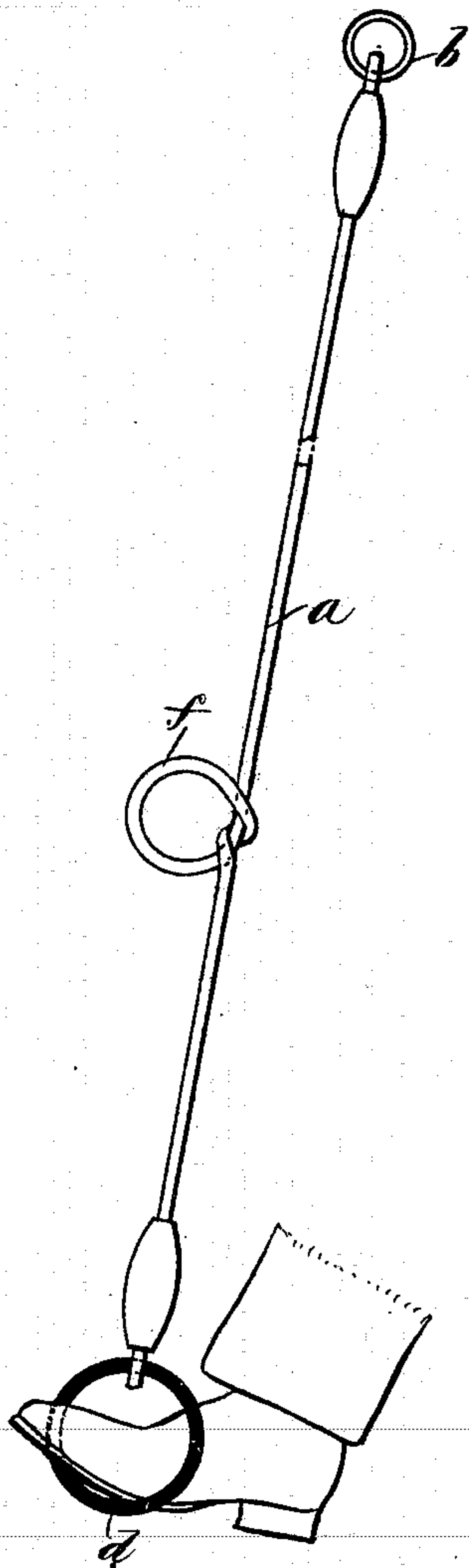
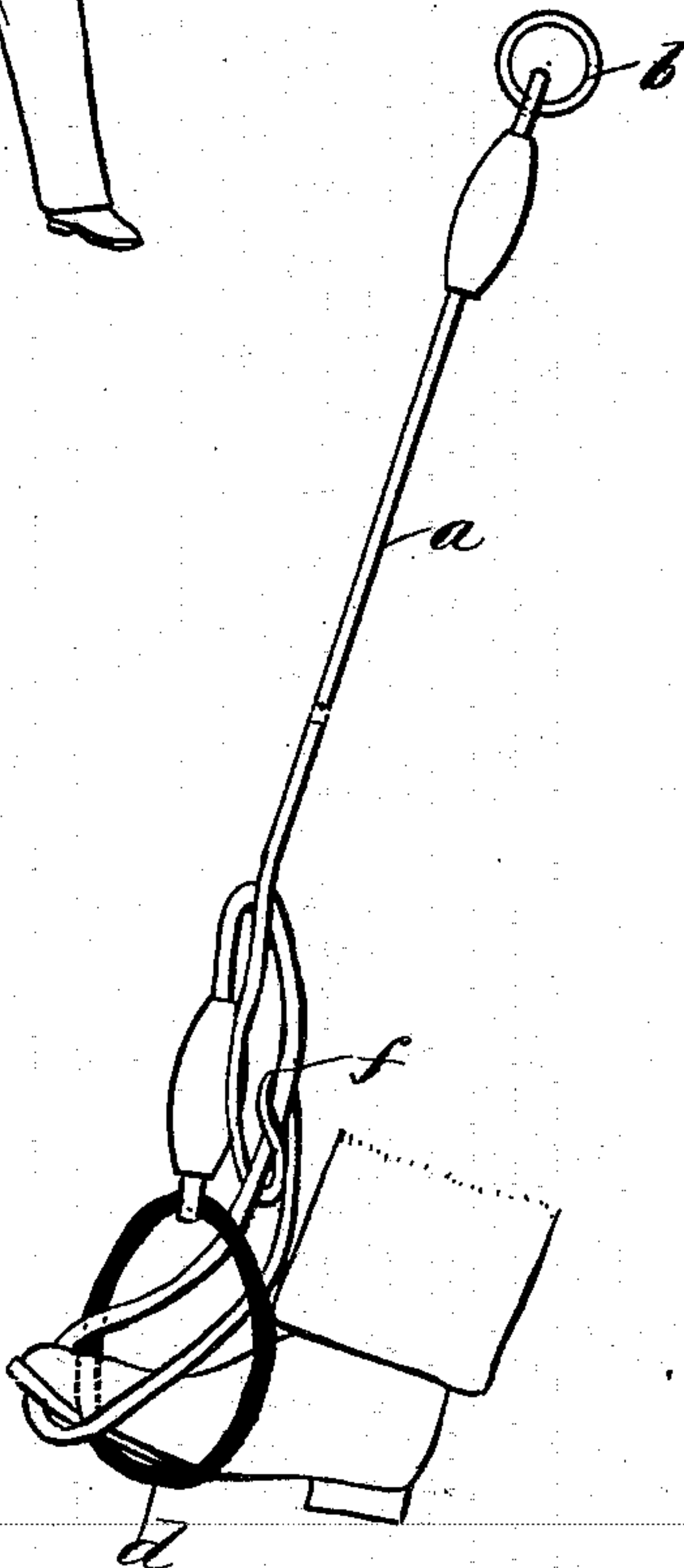


FIG. 3.



WITNESSES:

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BY
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UNITED STATES PATENT OFFICE.

WILLIAM SHELDON HAMMOND, OF ST. JOHN, CANADA.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 612,130, dated October 11, 1898.

Application filed August 27, 1897. Serial No. 649,757. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM SHELDON HAMMOND, a citizen of the Dominion of Canada, residing at St. John, in the county of St. John and Province of New Brunswick, Canada, have invented certain new and useful Improvements in Puzzles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

My invention relates to a puzzle, and has for its object the production of a device which will afford sufficient amusement in the solution of the same, which can be readily solved, and will be simple and inexpensive to make.

The invention consists in the novel features of construction and arrangement of parts hereinafter set forth and described, and more particularly pointed out in the claim hereto appended.

Referring to the accompanying drawings, Figure 1 shows the position in which the various parts must be maintained in the solution of the puzzle. Fig. 2 is an enlarged view of a portion thereof, showing the puzzle only; and Fig. 3 shows the relation of the various parts when the puzzle has been solved.

In the accompanying drawings, *a* denotes a rope or other suitable flexible connection between a ring *b*, designed to be held in the mouth, and an elastic band *d*, adapted to encompass the toe of the shoe or boot. This rope *a* is connected with said mouthpiece or ring and said elastic band in any desired manner, and I also preferably mount on said rope, adjacent to mouthpiece and said band, short handles or grips, through which the rope passes. These handles or grips are not essential, however, and may or not be employed. In practice I form in the rope *a* a half-hitch *f*, to remove which, without taking the ring *b* from the mouth or the elastic band *d* from the foot, constitutes the solution of the puzzle.

The solution of the puzzle is as follows: The

ring *b* is taken in the mouth, the half-hitch *f* having been formed in the rope *a*, and the elastic band *d* is placed over the toe of the shoe or foot, and by enlarging the half-hitch *f* and passing the loop thus formed outwardly through the elastic band *d* in the direction of the toe and between the top of the foot and said band and then passing the bottom of said loop backwardly between the bottom of the foot and the lower portion of said band the said loop will encircle the foot or leg, and said loop may then be removed from the foot or leg by passing it forwardly over the foot and over said band, through which the toe is still passed, and this operation will result in undoing the half-hitch *f*.

By the above-described means it will be seen that the objects of my puzzle are attained, and a puzzle which is cheap in construction, simple in solution, and capable of giving much amusement to the person attempting to solve the same is produced.

It will be observed that there may be many variations in minor details of construction without departing from the spirit of my invention.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

A puzzle, comprising a mouthpiece or ring, an elastic band for the foot and a flexible connection for said parts, said flexible connection being adapted to be formed into a half-hitch which is adapted to be removed without removing the mouthpiece from the mouth or the elastic band from the foot, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 23d day of August, 1897.

WILLIAM SHELDON HAMMOND.

Witnesses:

STEPHEN BLIZARD BUSTIN,
GEORGE WILLIAM HALL.