

No. 620,093.

Patented Feb. 28, 1899.

F. E. BENTON.
WOODEN CLOTHES PIN.

(Application filed Oct. 29, 1898.)

(No Model.)

Fig. 1.

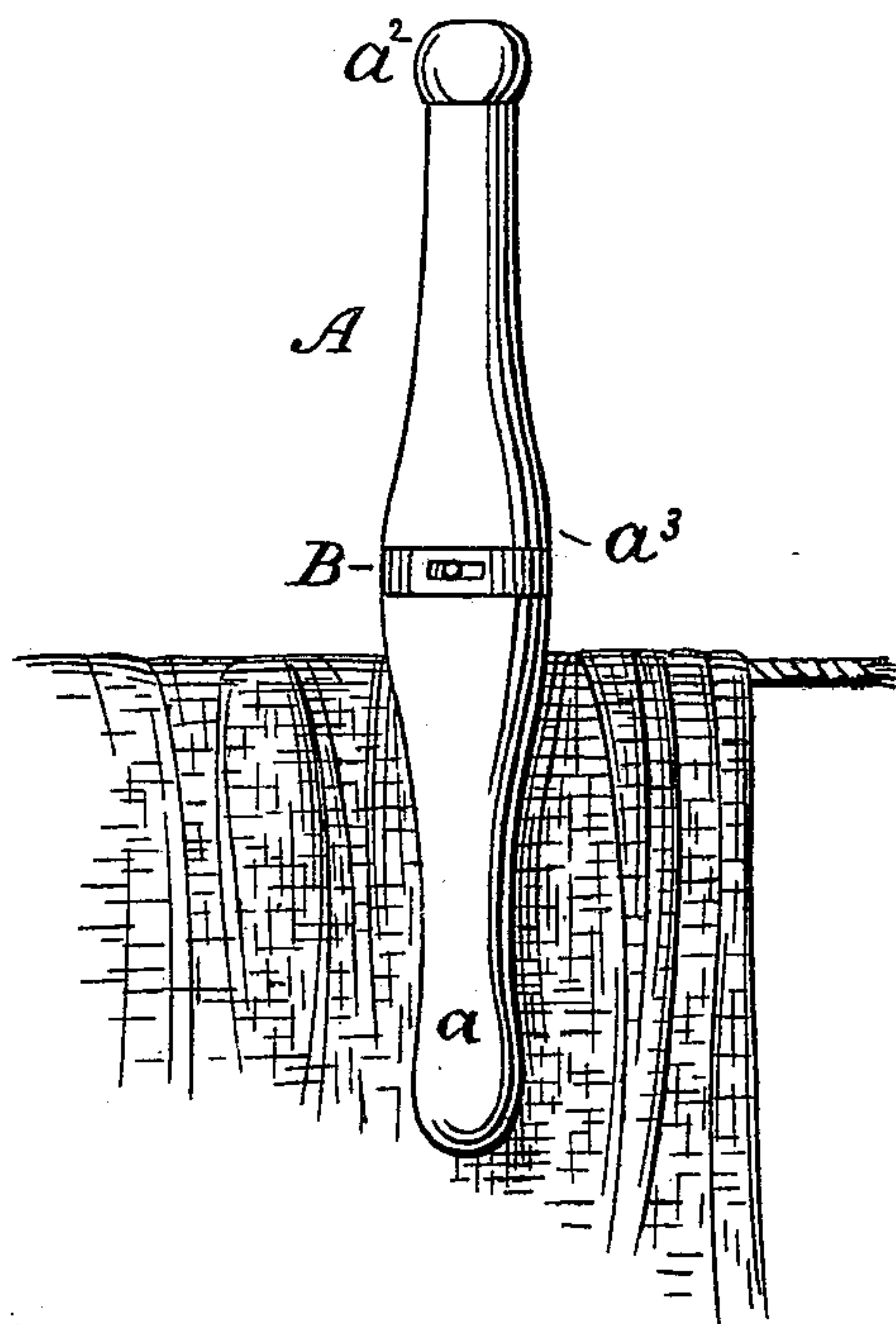


Fig. 2.

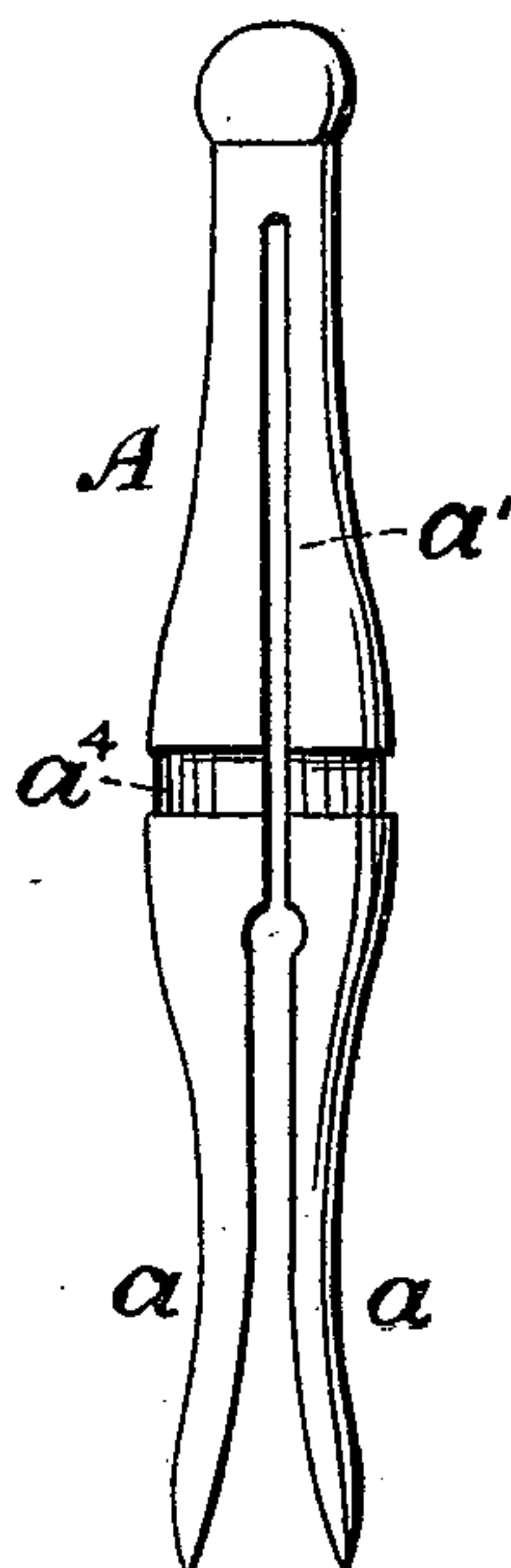
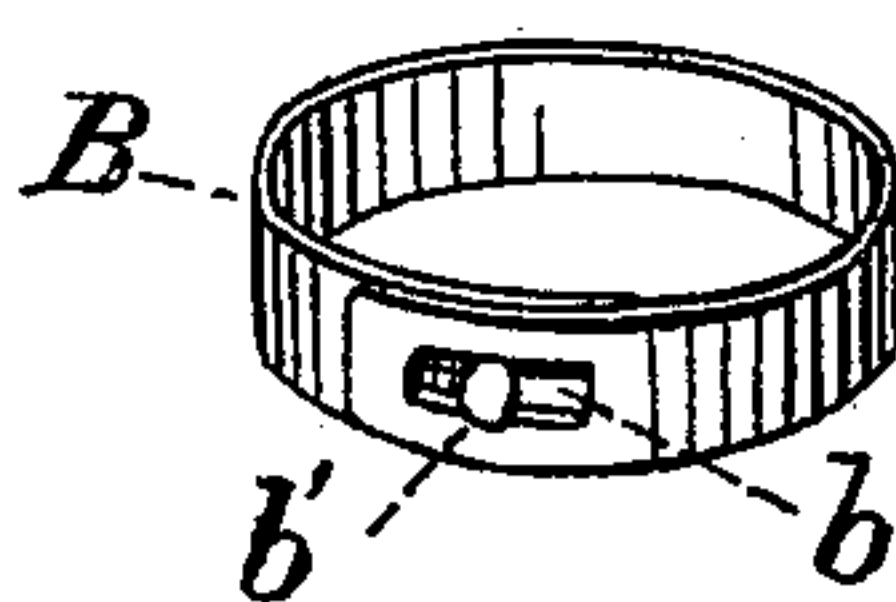


Fig. 3.



Witnesses:

H. A. Daniel
Chas. D. Sweet

Inventor:

Francis E. Benton
By Thomas P. Simpson
Attorney

UNITED STATES PATENT OFFICE.

FRANCIS E. BENTON, OF STOUGHTON, MASSACHUSETTS.

WOODEN CLOTHES-PIN.

SPECIFICATION forming part of Letters Patent No. 620,093, dated February 28, 1899.

Application filed October 29, 1898. Serial No. 694,944. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS E. BENTON, a citizen of the United States, residing at Stoughton, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Wooden Clothes-Pins; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of the invention is to make a split wooden clothes-pin and secure it to the line so that the force of the wind cannot possibly detach it, while it may be applied to or removed from the line with the greatest facility.

Figure 1 of the drawings is a side elevation showing a garment secured to a line by my improved pin; Fig. 2, an end elevation of the pin without my spring-clasp, and Fig. 3 a detail view of the said clasp.

In the drawings, A represents a wooden clothes-pin provided with the usual jaws a a and the saw-slit a' , extending nearly up to the head a^2 . This pin has the middle enlargement, which is marked a^3 , and in it is formed the annular groove a^4 .

B is my spring, which consists of the metallic band, which has a slot b on one end and a stud b' on the other, the latter being adapted to enter the slot and play back and forth therein. Thus it will be perceived that the spring-band clasps the two arms a^5 a^5 about the middle, while the slot and stud permit the opening movement of the jaws, while the extent of that movement is so limited as to prevent it from being unclasped from the line by a storm or wind.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

A wooden clothes-pin having a saw-slit a' extending to the head a^2 , and an annularly-grooved circular enlargement a^3 , and the spring-band B adapted to work in said groove, the said spring being provided with a stud at one end and a slot at the other as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS E. BENTON.

Witnesses:

P. B. RUNYAN,
A. F. MCCARRON.