

No. 736,552.

PATENTED AUG. 18, 1903.

I. B. ROSENCRANTZ.
COVER FOR PIANO TUNING PINS.
APPLICATION FILED DEC. 30, 1902.

NO MODEL.

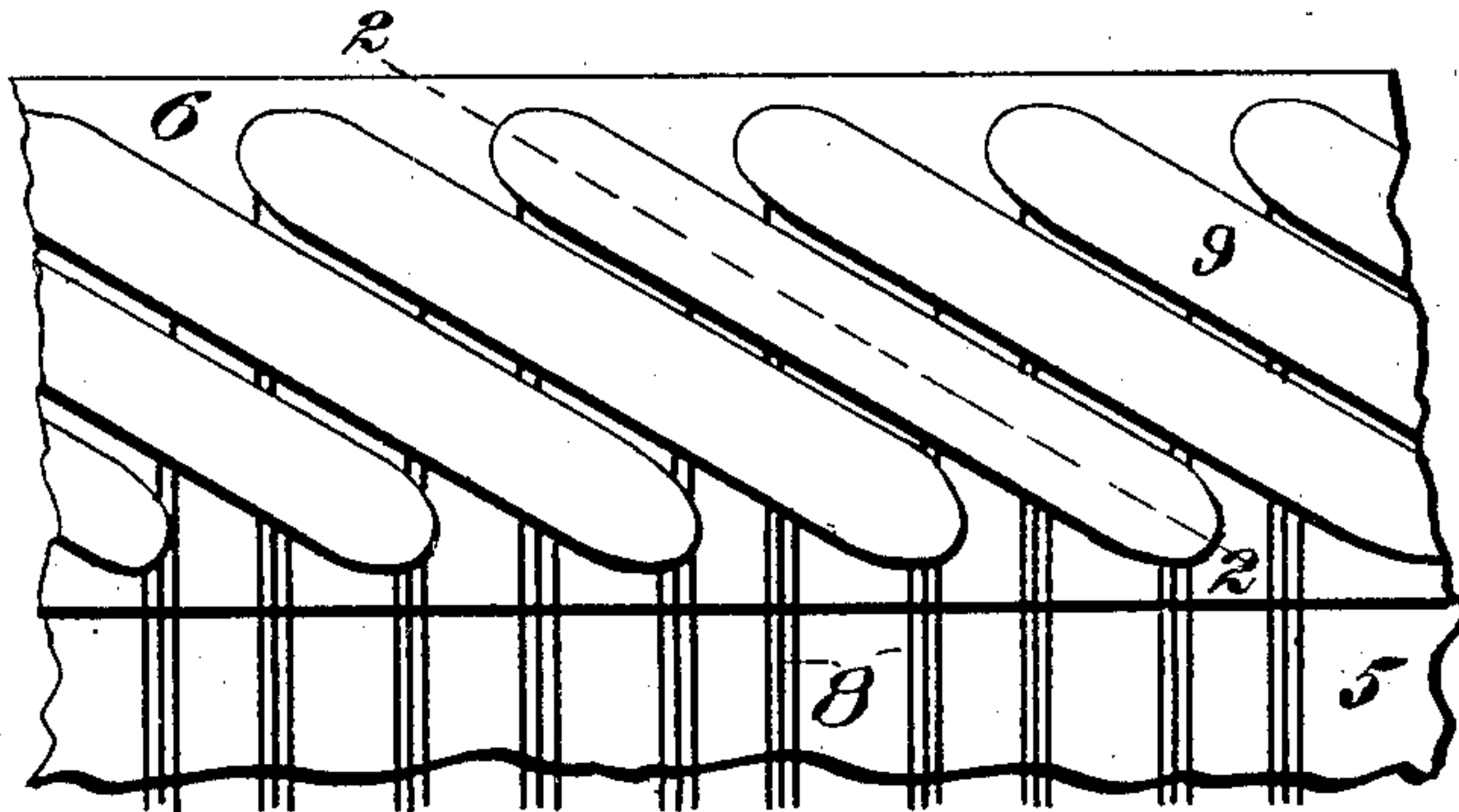


Fig. 1.

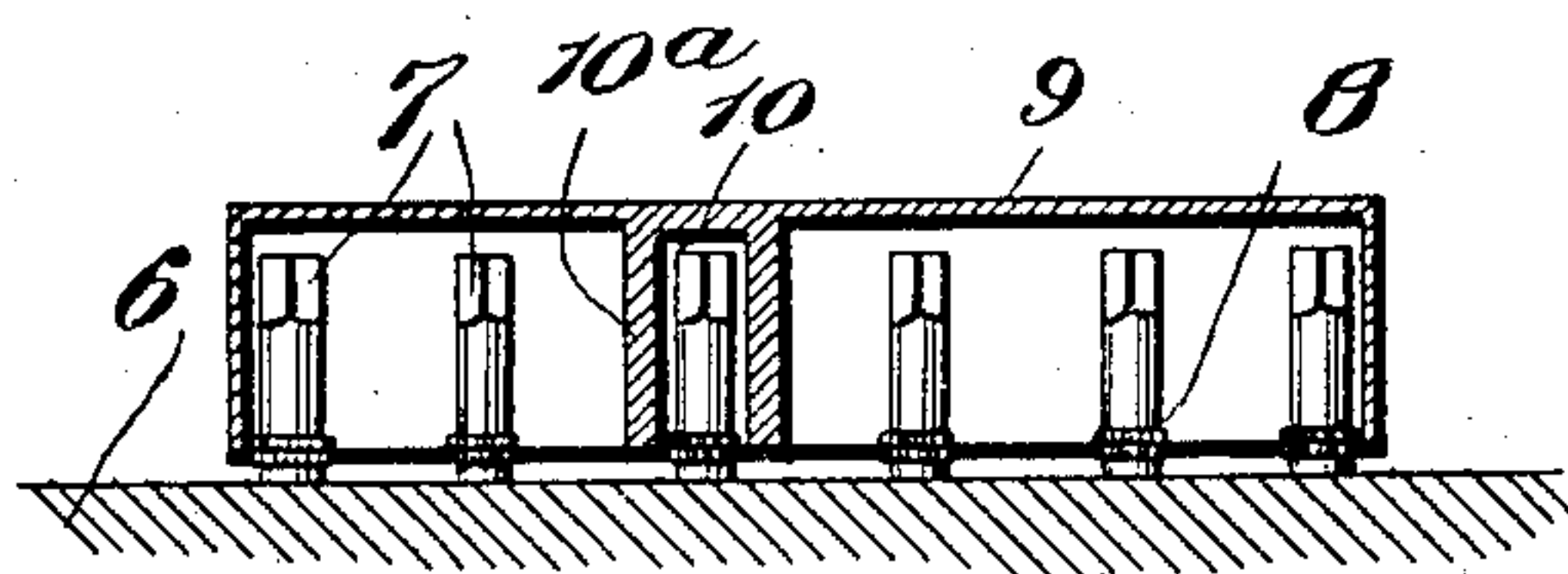


Fig. 2.

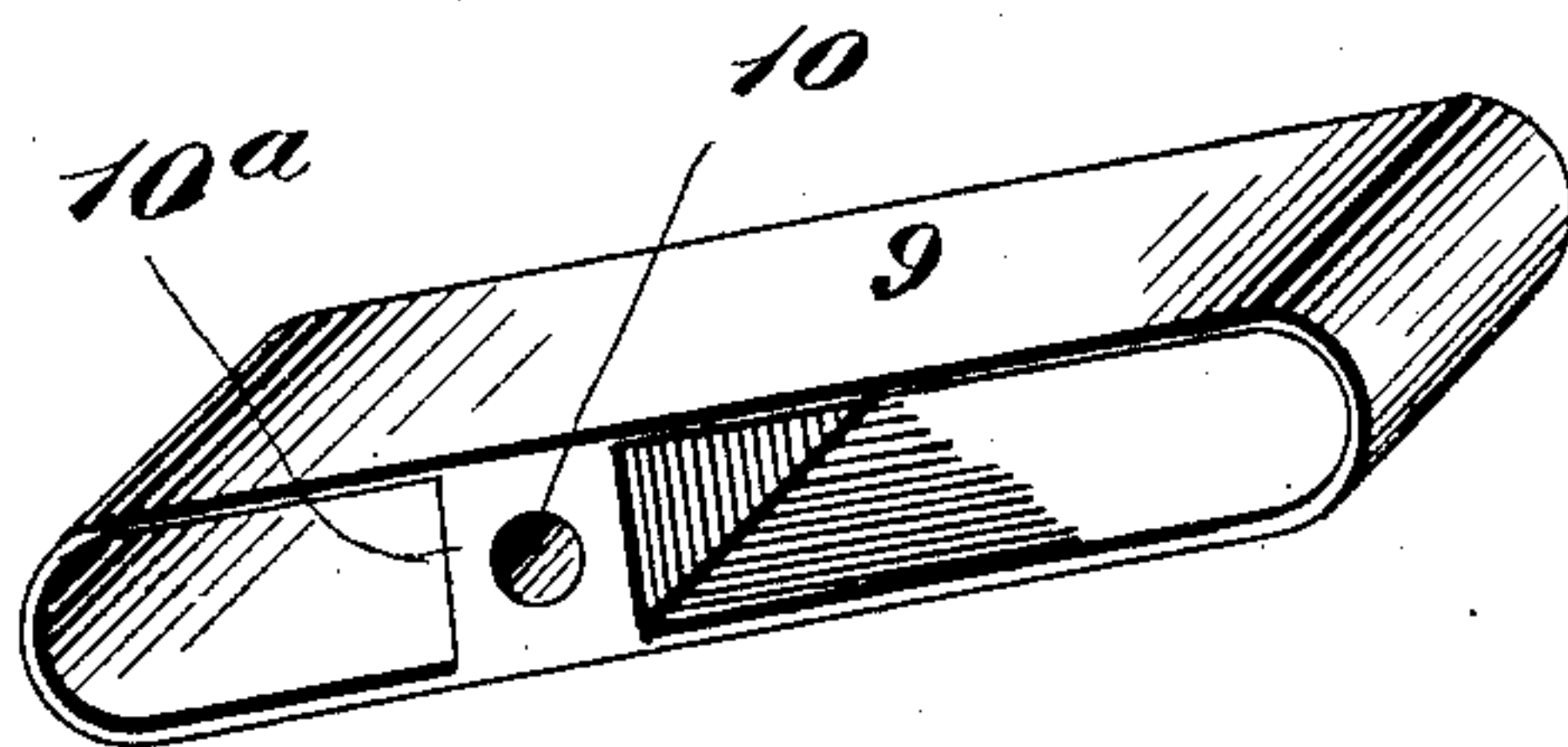


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

ISIDOR BERTRAM ROSENCRANTZ, OF CHICAGO, ILLINOIS.

COVER FOR PIANO TUNING-PINS.

SPECIFICATION forming part of Letters Patent No. 736,552, dated August 18, 1903.

Application filed December 30, 1902. Serial No. 137,095. (No model.)

To all whom it may concern:

Be it known that I, ISIDOR BERTRAM ROSENCRANTZ, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Covers for Piano Tuning-Pins; and I do hereby 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 figures of reference marked thereon, which form a part of this specification.

My invention relates to a cover for the tuning-pins of pianos; and its object is to provide an improved covering for such pins to protect them and the coil of wire thereon from atmospheric changes, and thereby keep the strings in tune longer than otherwise.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of a portion of a piano string-frame, showing my device in use. Fig. 2 is a cross-section on the line 2 2. Fig. 3 is a perspective view of my device.

Referring specifically to the drawings, 5 indicates the string-frame, 6 the pin-board, 7 the pins, and 8 the strings, of a piano, my invention comprising a cap (indicated at 9) having closed top and sides and open bottom. This is preferably made of rubber or other flexible and elastic material, which is placed over a row of pins to cover them. A sufficient number of caps are used to cover all the pins. To hold the cap on the pins, a socket 10 is formed in a block or partition 10^a, located between the side walls of the cap. This socket is of proper size and depth to fit snugly over one

of the pins, on which it is held by its own elasticity, thereby retaining the cap in place. The cap is further held securely by stretching its outer ends over the pins at the ends of the row. In the drawings I have shown the caps placed over the usual diagonal row of six pins; but this particular arrangement is immaterial, as by changing the size or shape of the cap different rows or a greater or smaller number of pins may be covered by each cap.

I have found by experiment that in using the caps above described a piano will remain in tune for a greater length of time than without them. When the pins are so covered, there is an even temperature around them, which aids greatly in keeping the strings in tune.

The use of the device is not limited to pianos; but it may be used on any string instrument having tuning-pins.

Having thus described my invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A cover for piano-string pins, comprising a flexible cap adapted to cover several pins, and a socket within the cap fitting a pin, to retain the cap in place, substantially as described.

2. A cover for piano-string pins, comprising a cap adapted to cover a row of pins, having a socket therein fitting one of the pins, to retain the cap in place, substantially as described.

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

ISIDOR BERTRAM ROSENCRANTZ.

Witnesses:

SIGNA FELTSKOG,
H. G. BATCHELOR.