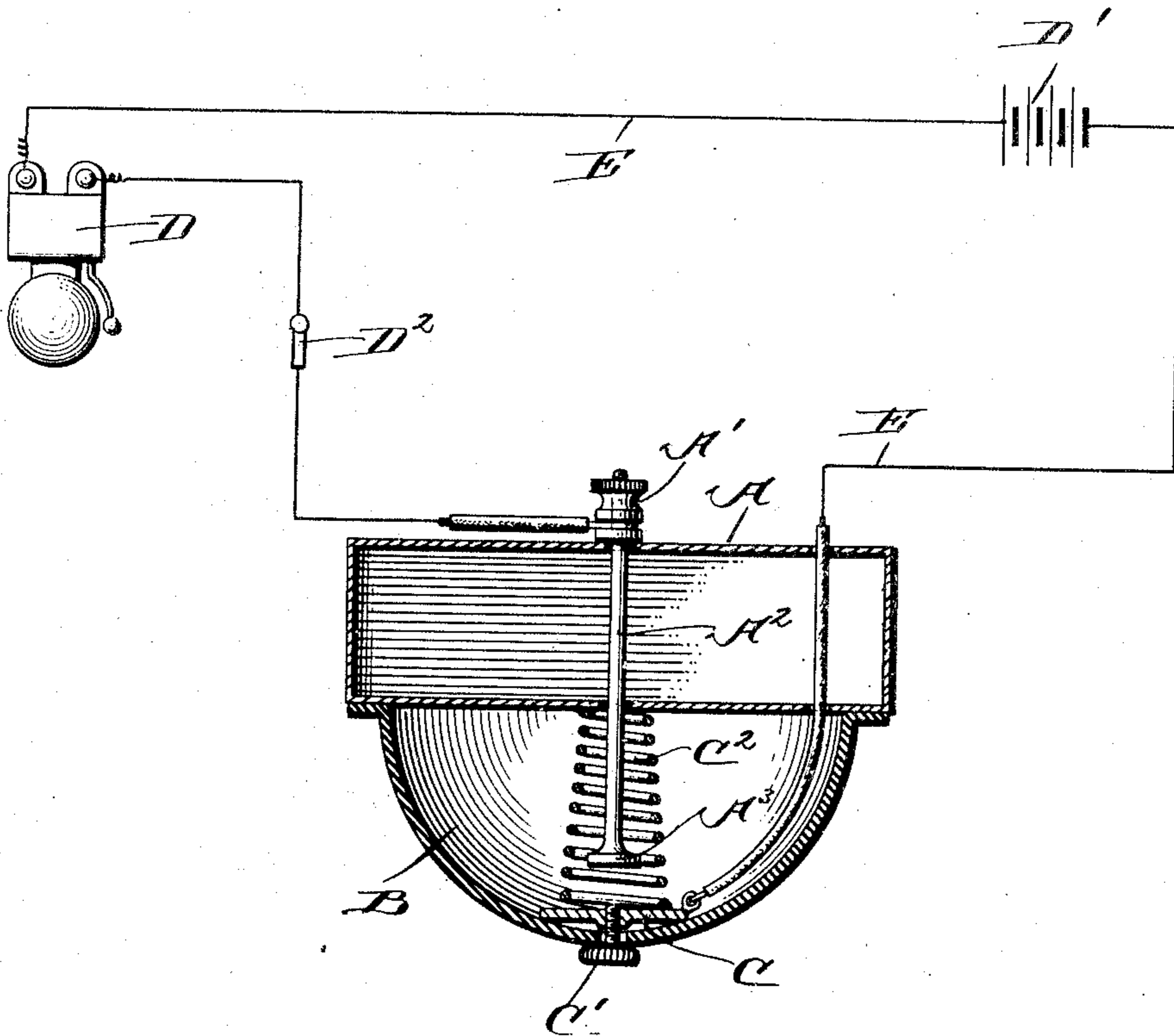


No. 880,521.

PATENTED MAR. 3, 1908.

W. GLENCK.  
FIRE ALARM.

APPLICATION FILED JUNE 14, 1907.



Inventor

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Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIAM GLENCK, OF NEWARK, NEW JERSEY.

## FIRE-ALARM.

No. 880,521.

Specification of Letters Patent.

Patented March 3, 1908.

Application filed June 14, 1907. Serial No. 378,990.

*To all whom it may concern:*

Be it known that I, WILLIAM GLENCK, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in a Fire-Alarm, of which the following is a specification.

This invention is a device for giving an audible signal at any desired point in case of fire either at or some distance from the place where the signal is sounded.

The invention consists in the novel features of construction hereinafter fully described, pointed out in the claims and shown in the accompanying drawing.

In the drawing A represents a suitable casing which can be located at the point to be protected and which carries a binding post A', from which extends downwardly a rod A<sup>2</sup> provided with a cap A<sup>3</sup> at its lower end, the rod being of a conducting material. A semi-spherical celluloid cap is carried by the under side of the casing A and incloses the lower projecting portion of the rod A<sup>2</sup>. Arranged within the cap B, is a conducting plate C into which is threaded a screw C', which passes through the cap B. The spring C<sup>2</sup> encircles the lower end of the rod A<sup>2</sup> but does not come into contact with the rod. This spring is secured at its upper end to the bottom of the casing A and at its lower end to the contact plate C. The tendency of this spring is to lift the plate C into contact with the cap A<sup>3</sup> of the rod A<sup>2</sup> but is normally held out of engagement with the lower end of the

rod as the head of the screw C' does not permit its passage through the celluloid cap B.

My invention also includes a bell D, a battery D', a switch D<sup>2</sup>, and an electrical circuit which includes these elements and which also include the binding post A', and the contact plate C. The circuit is always broken as long as the contact plate C is separated from the lower end of the rod A<sup>2</sup>. But in case of fire the celluloid cap B will be quickly destroyed and the spring C<sup>2</sup> will at once draw up the contact plate C, and the circuit will be completed and the alarm bell will ring until the circuit has been broken at the switch D<sup>2</sup> or some other point.

It will be obvious that the casing A may be represented by a simple shelf, platform or other support for the binding post A' and other attached parts.

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

A fire alarm device comprising a rod of conducting material, a celluloid cap inclosing an end portion of said rod, a contact plate secured to the celluloid cap, a spring encircling said rod and secured at one end to the said contact plate to draw same into engagement with the rod, and an electrical circuit including said rod and said contact plate as and for the purpose set forth.

WILLIAM GLENCK.

Witnesses:

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