

(No Model.)

A. C. SANFORD.

CLOCK BELL.

No. 279,022.

Patented June 5, 1883.

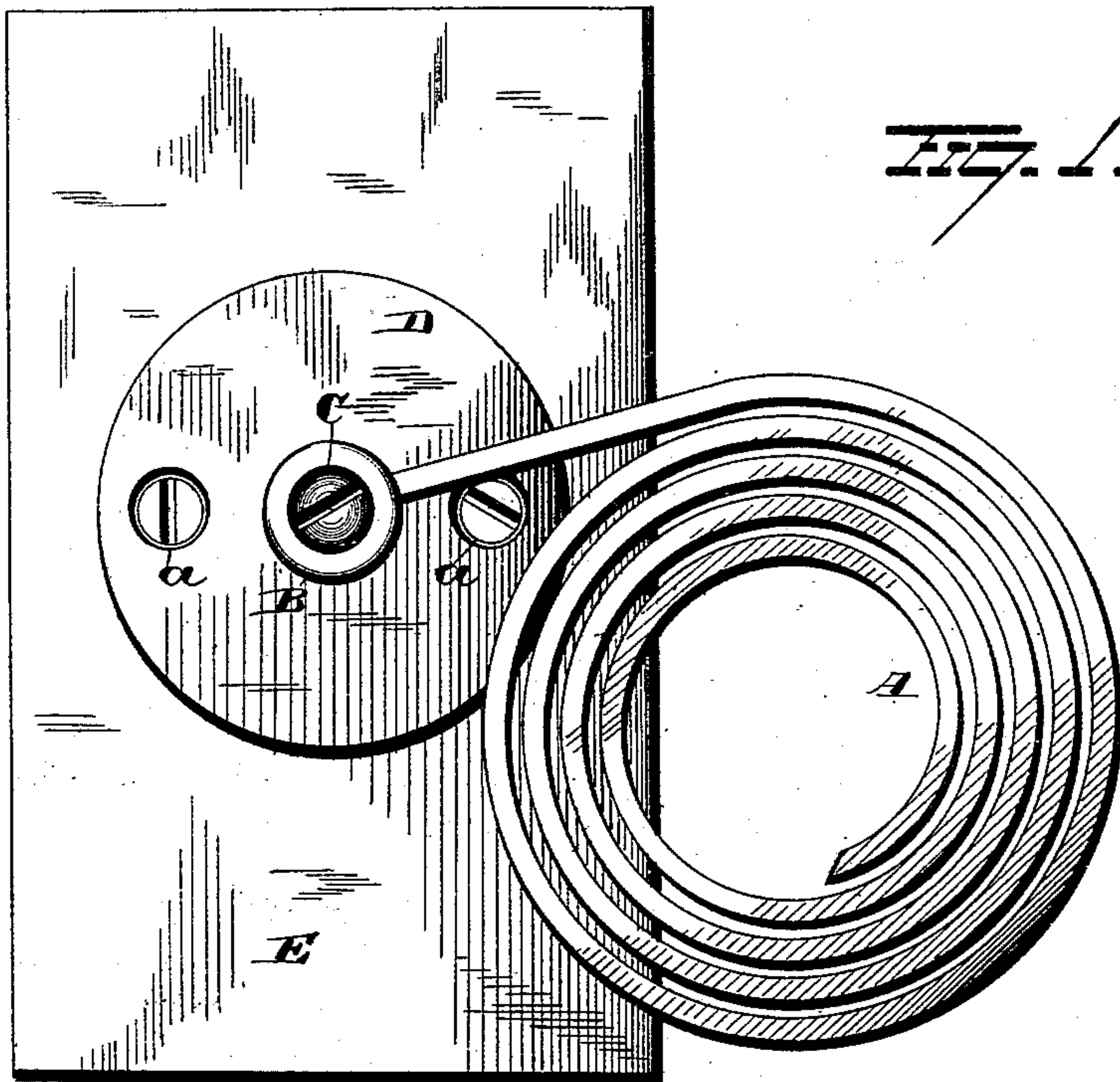
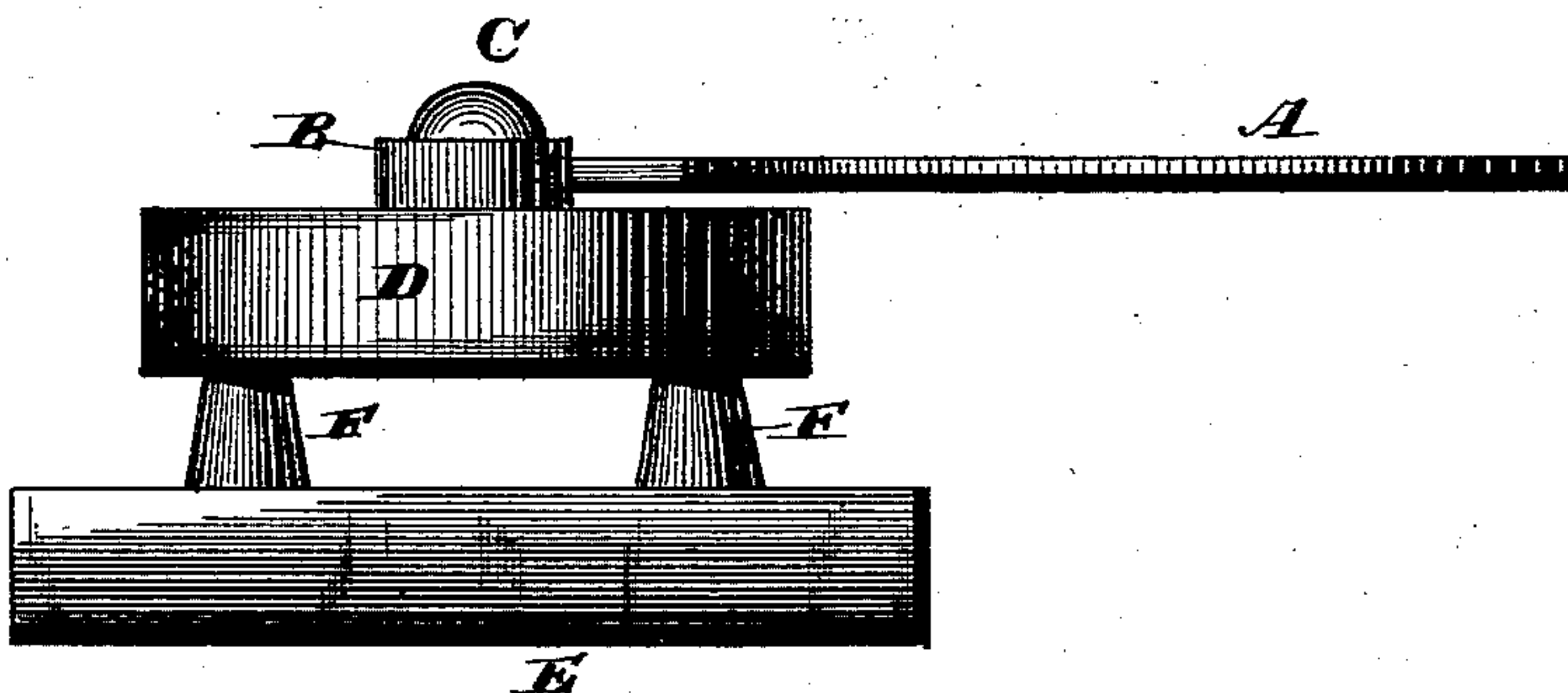


FIG. 2.



WITNESSES

E. J. Nottingham
W. J. Downing

INVENTOR

Aaron C. Sanford
By *H. A. Seymour*
Attorney

UNITED STATES PATENT OFFICE.

AARON C. SANFORD, OF NEW HAVEN, CONNECTICUT, ASSIGNOR OF ONE-HALF TO GEORGE W. SANFORD, OF SAME PLACE.

CLOCK-BELL.

SPECIFICATION forming part of Letters Patent No. 279,022, dated June 5, 1883.

Application filed April 5, 1883. (No model.)

To all whom it may concern:

Be it known that I, AARON C. SANFORD, of New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Clock-Bells; 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.

My invention relates to an improvement in clock-bells, the object of the same being to provide a bell of this character which shall, when struck, produce a low soft tone, which shall be simple in construction, durable in use, and which can be produced at a small cost; and with these ends in view my invention consists in certain features of construction and combinations of parts, as will be herein-
after described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a front view of my improvement, and Fig. 2 is an end view of the same.

B represents a metallic collet, to which is secured the bell-wire A, consisting of a flattened wire coiled edgewise. The collet B is centrally provided with a hole or perforation, through which passes a screw, C, securing it to the sounder D. This sounder is provided with two perforations, *a a*, for the passage of screws adapted to secure it to the clock-case E. Between the sounder and the clock-case

are two leather washers or metal standards, F, through which pass the screws securing the said sounder to the clock-case. By the intervention of these standards or washers the sound will be prolonged to a greater length, and the quality of the tone greatly improved.

My invention is simple in construction, is durable in use, and can be manufactured at a small initial cost.

I am aware that a flattened wire coiled edgewise has been used, as the same is described and claimed in Reissued Letters Patent No. 10,253, granted to me December 5, 1882, and therefore make no claim to such construction; but,

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

The combination, with a sounder and a bell-wire secured thereto, of one or more non-vibrating washers or standards interposed between the sounder and the clock-case, and screws passing through the sounder and the standards for securing the same to the clock-case, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

AARON C. SANFORD.

Witnesses:

JAMES BISHOP,
GEORGE W. SANFORD.