

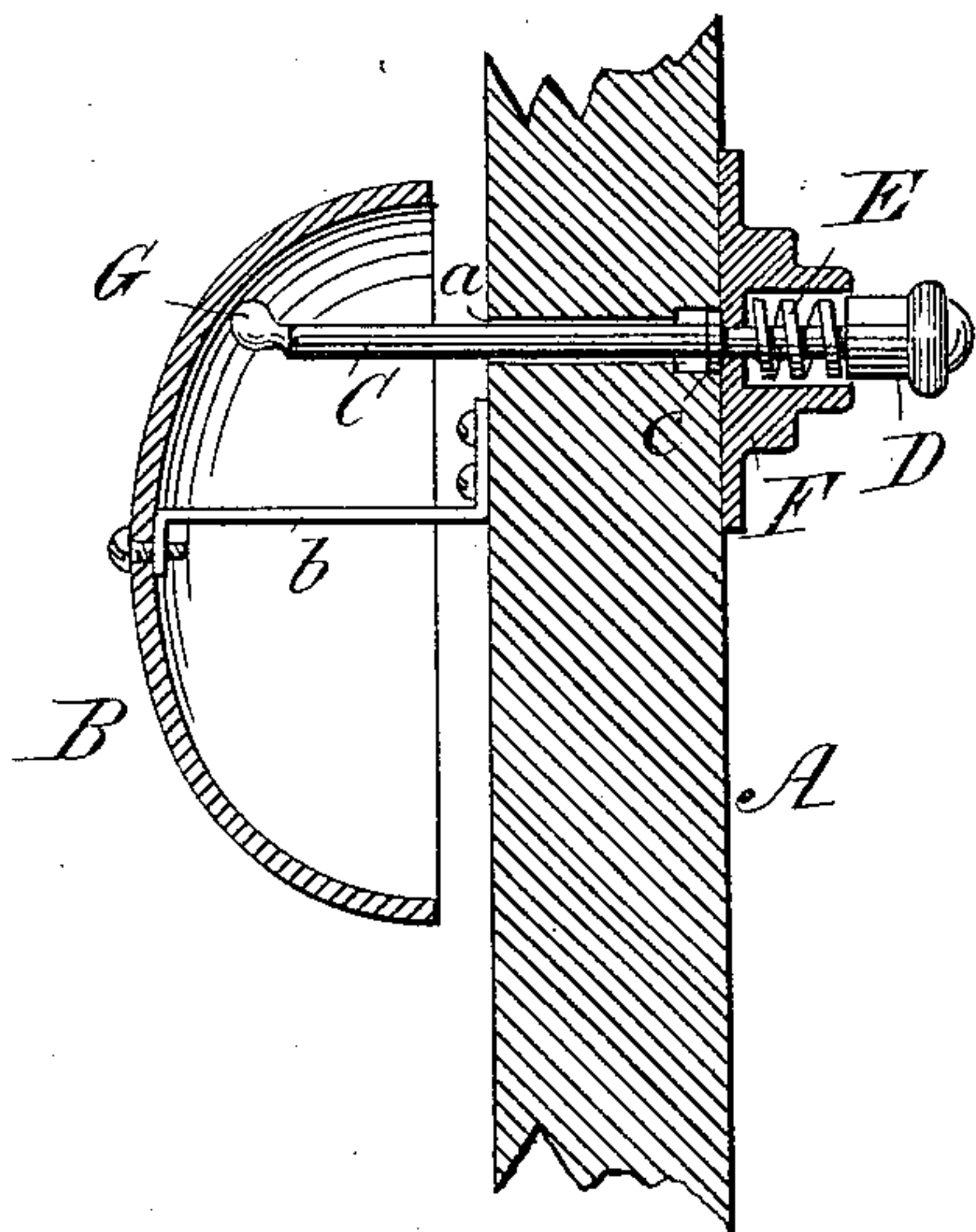
(No Model.)

D. S. ADAMS.

DOOR GONG.

No. 379,626.

Patented Mar. 20, 1888.



Witnesses:

H. Cameron.

C. M. Powell

Inventor,

Inventor,
D. Sylvester Adams,

Per Attys.

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D. Sylvester Adams,
Per Attys. Reynolds & Kellogg.

UNITED STATES PATENT OFFICE.

DAVID SYLVESTER ADAMS, OF TORONTO, ONTARIO, CANADA.

DOOR-GONG.

SPECIFICATION forming part of Letters Patent No. 379,626, dated March 20, 1888.

Application filed April 25, 1887. Serial No. 236,113. (No model.)

To all whom it may concern:

Be it known that I, DAVID SYLVESTER ADAMS, of the city of Toronto, in the county of York and Province of Ontario, in the Dominion of Canada, have invented certain new and useful Improvements in Door-Gongs; and I do hereby declare that the following is a full, clear, and exact description of the same.

This invention relates to improvements in gongs used upon doors of dwellings, offices, and warehouses, and for desks, counters, elevators, and other positions, which improvements have for their object to provide for the giving of special alarms by different numbers of single strokes, and at the same time allow of such gongs being readily placed in position without undue cutting or mutilation of the wood-work in connection therewith. I do away with all intricate and cumbersome fittings, unsightly handles, &c., and greatly reduce the cost.

To this end my alarm-gong apparatus consists, essentially, of the gong proper and a striker actuated from the spindle of a push-button, which push-button alone projects beyond an escutcheon upon the front of the door or casing. For full comprehension, however, of my invention, reference must be had to the accompanying drawing, forming part of this specification, in which letters similar to those used in the following detailed description indicate like parts.

The drawing represents a vertical sectional elevation of my invention.

A represents a section of the door or other wood-work with which my device is connected; B, a gong of any suitable size, material, and construction. This gong may be attached to the door, &c., by a bracket, *b*, of flat metal screwed to each, or said gong may be secured in place by any equivalent means.

a is a small hole bored through the door, &c., through which passes freely a spindle or stem, C, upon the extreme outer end of which is a button or thumb-piece, D, this stem or spindle being encircled just back of the button by a spring, E, which is received in a recess within any suitable escutcheon, F, affixed to the wood-work, so as to surround the aperture *a*. A shoulder, *c*, is provided upon the stem or spindle C, as shown, to prevent same from coming out after the escutcheon is put in place.

The striker G is preferably a knob upon the end of the straight stem C.

The operation of my invention will be readily understood from the foregoing, and from the drawing, but I may further explain that the button must receive a sharp impact or blow in contradistinction to a steady push, in order to throw the striker sharply against the gong, and it is by this means that different alarms, consisting of specific numbers of strokes, can be given—a thing not easily accomplished by other gongs now in use.

What I claim, and desire to secure by Letters Patent, is—

In a door-gong apparatus, the combination, with a door or other upright having the perforation *a*, of the spindle C, passing through said perforation and having shoulder *c*, push-button D on its outer end and striker G on its inner end, escutcheon F, containing spring E, encircling said spindle behind the push-button, bracket *b*, affixed to inner side of door or upright, and a gong carried by said bracket, substantially as and for the purpose specified.

Toronto, 17th day of March, 1887.

D. SYLVESTER ADAMS.

Witnesses:

R. A. KELLOND,
C. B. McDOWELL.