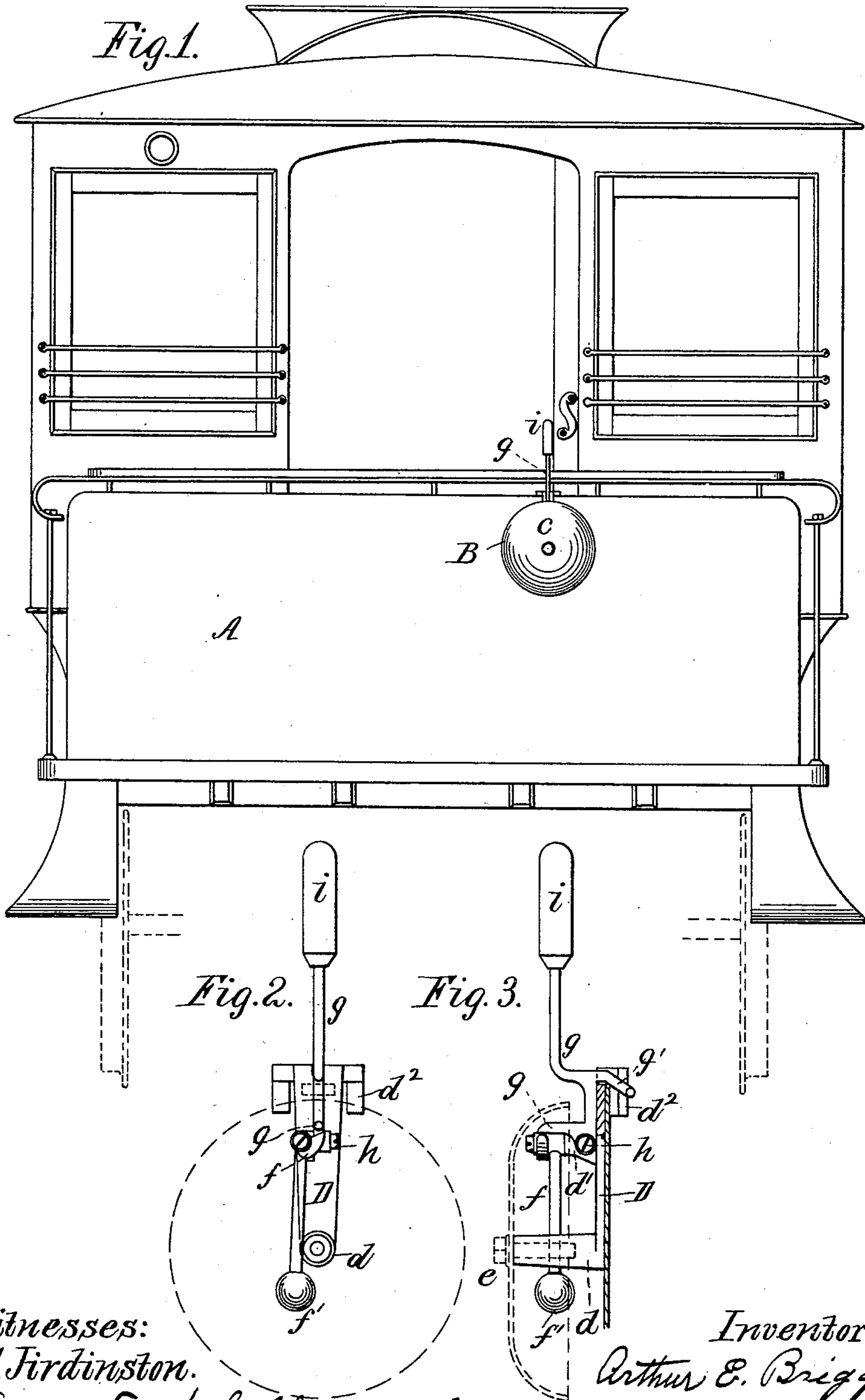


(No Model.)

A. E. BRIGGS.
ALARM GONG.

No. 434,578.

Patented Aug. 19, 1890.



Witnesses:
W. C. Firdinston.
August F. Herbst.

Inventor:
Arthur E. Briggs
By Frank O. Loveland his Attorney.

UNITED STATES PATENT OFFICE.

ARTHUR E. BRIGGS, OF BOND HILL, ASSIGNOR TO POST & CO., OF
CINCINNATI, OHIO.

ALARM-GONG.

SPECIFICATION forming part of Letters Patent No. 434,578, dated August 19, 1890.

Application filed February 17, 1890. Serial No. 340,769. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR E. BRIGGS, a citizen of the United States, residing at Bond Hill, in the county of Hamilton, State of Ohio, have invented a new and useful Improvement in Alarm-Gongs, of which the following is a specification.

My invention relates to portable alarm-gongs; and it consists in the several parts and combination of parts hereinafter more specifically pointed out and claimed.

I have illustrated my invention as applied to street-car alarm-gongs.

Figure 1 is a front elevation of a street-car provided with one of my improved gongs. Fig. 2 is a rear elevation of a gong. Fig. 3 is a section of the same.

A is the front board of a street-car; B, a gong; c, a sounder; D, a gong-frame carrying the sounder, which is shown as mounted upon a projection *d* by means of a tape *e*. The frame is also provided with a projection *d'*, upon which is pivoted a bell-crank *f*, upon one arm of which is a hammer *f'*, the other arm of which is adapted to be operated by an arm of second bell-crank *g*, pivoted at *h*. The other arm of bell-crank *g* is provided with a handle *i*. The bell-crank *g* is provided with a T-shaped projection *g'*, adapted to engage the frame to limit the stroke of the handle.

For the purpose of attaching the gong in position the frame is provided with ears *d² d²*, adapted to take over the front board of a car, as shown in Fig. 1. The gong may be attached in position by any suitable device. By operating the handle *i* the hammer is forced against the sounder through the intervention of the two levers, (shown as bell-cranks in the drawings,) and falls by gravity from the sounder when a stroke has been made.

By using my invention one gong only is needed on a car, as it can readily be transferred from one end of the car to the other.

I claim—

The combination, in a portable gong for street-cars, of a vertical frame, supporting ears thereon adapted to engage the front board of the car, whereby the frame may be readily attached to or detached from the car, a sounder carried by the frame in substantially a vertical position, a hammer-lever pivoted to a projection on the frame intermediately between the supporting-ears and the gong center, a handle-lever actuating the same, and a stop to limit the length of the stroke, substantially as and for the purpose specified.

ARTHUR E. BRIGGS.

Witnesses:

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