

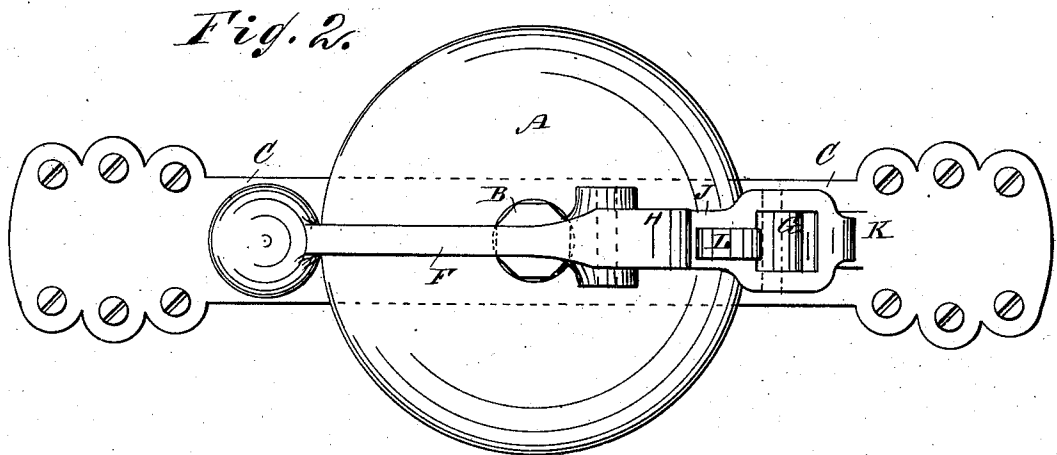
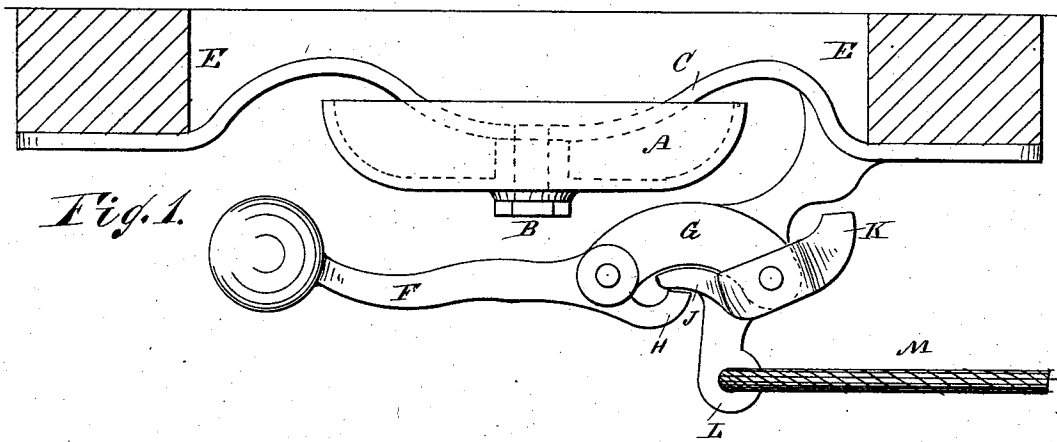
(No Model.)

J. M. MATHENY.

STREET CAR GONG.

No. 260,588.

Patented July 4, 1882.



WITNESSES:

*Theo. G. Foster.*  
*Widgwick*

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# UNITED STATES PATENT OFFICE.

JAMES M. MATHENY, OF WOODSTOCK, ILLINOIS.

## STREET-CAR GONG.

SPECIFICATION forming part of Letters Patent No. 260,588, dated July 4, 1882.

Application filed March 13, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES M. MATHENY, of Woodstock, in the county of McHenry and State of Illinois, have invented a new and Improved Gong-Frame, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved frame for gongs—for instance, such as street-car gongs.

The invention consists in combining parts of the hammer mechanism, as hereinafter described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a longitudinal elevation of my improved gong-frame and gong. Fig. 2 is a plan view of the under side of the same.

The gong A, of the usual construction, is secured by a screw-bolt, B, to a holding plate or bar, c, of metal, passing within the gong and projecting over the edges of the same, so that the gong will be suspended from this plate or frame, the outer surface of the gong facing downward, and the plate C being above, and the head or nut of the bolt being on the middle of the outer or lower surface of the gong. The ends of the plate or frame C are fastened to two projections or strips, E, on the inner surface of the car-top in the usual manner.

The hammer F is pivoted to a downward projection, G, of the frame C, and beyond the pivot the hammer-shank is provided with a curved finger, H, resting against one end of a short lever, J, the opposite end, K, of which forms

a check adapted to rest against the projection G, to which the short lever J is also pivoted. The short lever J is provided with a downwardly-projecting lug, L, to which the cord or strap M is attached. By pulling on the cord or strap the end of the short lever J presses the finger H of the hammer F downward, thereby throwing the hammer against the gong. The check end K of the lever J strikes against the projection G, and the hammer-head drops again, the finger H striking against the short lever J. This lever J prevents the hammer-head from being held against the gong by the strap or cord M.

In case the gong becomes loosened, it can be tightened very easily from below by turning up the head of the screw-bolt B, and without removing the frame or plate C, as is necessary if the frame or plate C is below the gong.

In case the hammer-bearings are worn off, the hammer cannot strike against the frame or plate C, as it does if the frame or plate C is below the gong, and is provided with apertures through which the hammer can pass.

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

The combination, with the hammer F, pivoted to a projection, G, of the bell-support C, and having the curved finger H, of the lever J, a stud, L, connecting with the pull cord or strap, and the check end K, all substantially as shown and described.

JAMES M. MATHENY. [L. S.]

Witnesses:

L. J. YOUNG,

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