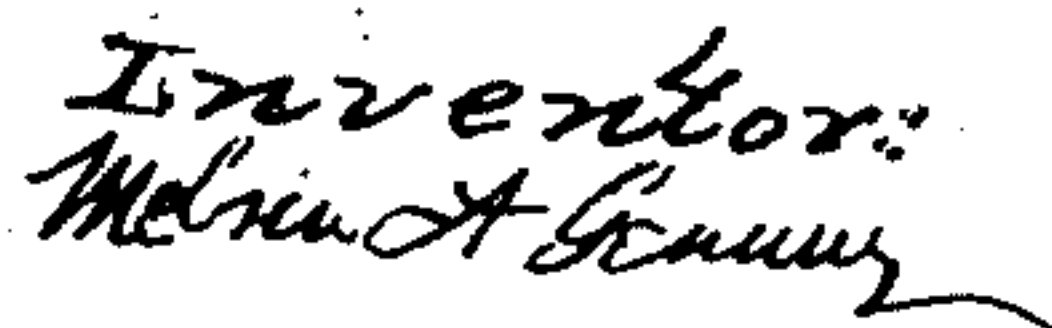


Patented March 10, 1863.



UNITED STATES PATENT OFFICE.

MELVIN A. GENUNG, OF GRANVILLE, OHIO.

IMPROVED DOOR-BELL.

Specification forming part of Letters Patent No. 37,863, dated March 10, 1863.

To all whom it may concern:

Be it known that I, MELVIN A. GENUNG, of the town of Granville, county of Licking, and State of Ohio, have invented a new and Improved Door and Room Bell for Private Houses; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and the letters of reference marked thereon.

The nature of my invention consists in an improved style of door and room bell worked by lever-power. The gong-shaped bell is used, similar to the Genung bell, No. 35,603, and worked by the ordinary bell-pull. This bell may be placed at any desired point.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation by reference to the several parts by the letters designated on the accompanying drawings.

W is the bell-wire, passing through the brackets D, secured to the ceiling to support the springs E and wires W; Q, holes through brackets D through which the wires W slide, and pins &c., upon which the springs F are connected; F, spiral springs attached to the wire W at Z, operating upon the wire W in such a manner as to relieve the bell-spring G, so that it may act for the several wires; R, indicator secured to the wire W at any desired place and operating in such a manner as to designate the calling number; 4, the

number secured to the wall behind each respective indicator; X, chain connecting wire W with lever M; E, base of machine; M, lever by which the machine is operated; I, short projection upon lever M to prevent spring G from binding; B, post passing through lever M and riveted to the base; C, hammer-post secured to the base by a pin passing through base E and riveted down; A, hammer-arm; U, bell-hammer; K, trip secured to lever M at N; G, a continued spring attached to the hammer-arm and wound around the post C, then around the post B, passing through lever M at O, and back through lever M at N, operating upon trip K at L; P, hammer-stop attached to post C, operating against post V on base E; T, bell-rim; S, self-supporting hinge upon which the bell is hung; J, brackets D with wire W and springs F, attached to chains X and lever M.

Figure 1 is a perspective view; Fig. 2, a transfer section; Fig. 3, a detail.

I do not claim the indicator, for it has been previously used.

What I claim is—

The combination of the chains X, brackets D, springs F and G, and supporting-hinge S, when all are arranged as and for the purpose specified.

MELVIN A. GENUNG. [L. s.]

Witnesses:

CHAS. M. DICKINSON,
W. H. COWENHOVEN.