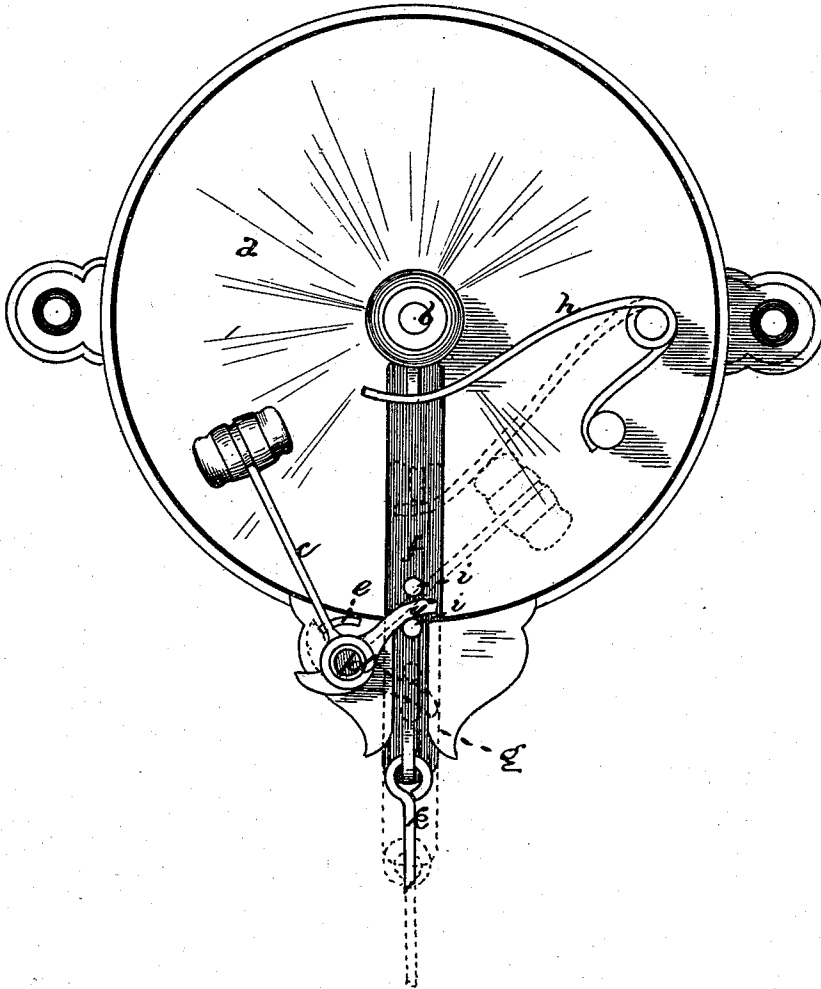


J. P. CONNELL.

DOOR-BELL.

No. 169,675.

Patented Nov. 9, 1875.



WITNESSES

John Pollitt
Frank G. Fuller

INVENTOR,

John P. Connell
^{BY} W. E. Simonds

UNITED STATES PATENT OFFICE.

JOHN P. CONNELL, OF KENSINGTON, CONNECTICUT.

IMPROVEMENT IN DOOR-BELLS.

Specification forming part of Letters Patent No. **169,675**, dated November 9, 1875; application filed October 1, 1875.

To all whom it may concern:

Be it known that I, JOHN P. CONNELL, of Kensington, in the county of Hartford and State of Connecticut, have invented an Improved Gong-Bell, of which the following is a specification, reference being had to the accompanying drawing, which is a view looking upon that side of the base-plate which carries the operating mechanism, the common concave sounding-shell being removed.

This is a double-stroke bell. It may be made a single stroke by a simple change hereinafter explained.

The letter *a* denotes the base-plate; *b*, a post rising therefrom, on which the sounding-shell (not shown) is secured; *c*, the hammer pivoted on pin or screw *d*. *e* is a stop, which prevents the hammer from vibrating too far in either direction; *f*, a bar, having reciprocating movement, being hung in a mortise, *g*, indicated by dotted lines; *h*, a spring, throwing bar *f* inward; *i i*, pins on bar *f*, taking between them the arm *j* coming from the hammer; *k*, a pull-wire.

The drawing represents the working parts in the normal position of rest. To strike the bell the operator draws upon the pull-wire, which throws the hammer over to the position shown in dotted lines, and the hammer there strikes and sounds the bell. The operator letting go the pull-wire, the spring returns the hammer to its first position, where it again strikes and sounds the bell.

By so locating the stop *e* that the hammer cannot strike the bell when first thrown over, the bell can be made single-stroke.

I claim as my invention—

In combination, the pivoted hammer *c*, bearing the arm *j*, the reciprocating bar *f*, bearing the pins *i i*, and the spring *h*, all arranged and operating substantially as shown and described.

JOHN P. CONNELL.

Witnesses:

WM. EDGAR SIMONDS,
EDWARD S. BILL.