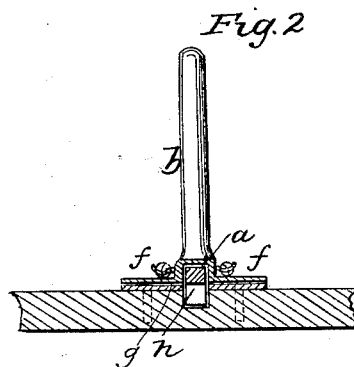
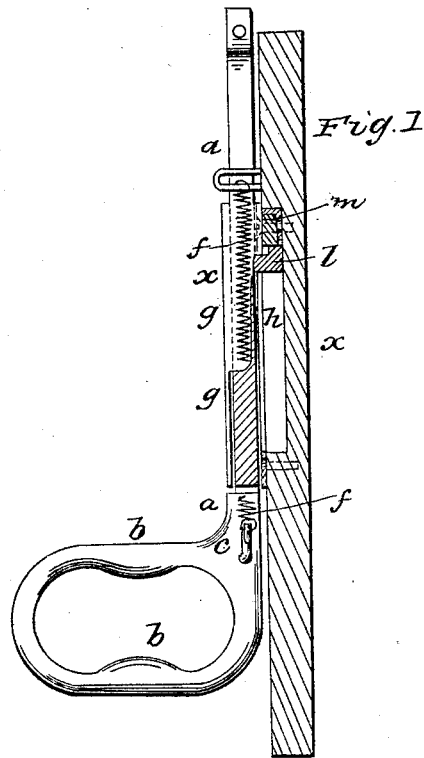


H. HOMER.

Bell Pull.

No. 49,757.

Patented Sept. 5, 1865.



Witnesses
C. L. Topliff
Jm. Coovington

Inventor
H. Homer
By Munn & Co
Attys

UNITED STATES PATENT OFFICE.

HENRY HOMER, OF NEW YORK, N. Y.

BELL-PULL.

Specification forming part of Letters Patent No. 49,757, dated September 5, 1865.

To all whom it may concern:

Be it known that I, HENRY HOMER, of the city, county, and State of New York, have invented a new and useful Improvement in Bell-Pulls; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The object of the present invention is to relieve the end of the casing in which the bell-pull moves from the force of the spring by which the handle is retracted or drawn back, that, as is well known, soon so batters or hammers it as to render its replacement with a new one almost a necessity, in order to insure a free or perfect operation of the bell-pull; and it consists in a novel construction and arrangement of the bell-pull, whereby the force of its retraction is so overcome as to prevent it acting against or coming in contact with the said casing, as will be apparent from the following description, reference being had to the accompanying plate of drawings, of which—

Figure 1 is a central section taken in the direction of its length, and Fig. 2 a cross-section taken in the plane of line *xx*, Fig. 1.

a a in the drawings represent the bell-pull, having a handle, *b*, at one end and attached at the other end, *c*, through any suitable connecting rod or wire, to the bell which it is designed and intended to ring or sound. This

bell-pull has springs *ff*, arranged with regard to it in the usual manner, for retracting the same after it has been moved, and slides in a guiding-case, *g*, as in ordinary bell-pulls; but to relieve the end of the casing *g* from being battered or hammered by the handle portion *b* from the force of the retracting-springs, I form upon the under or back side, *h*, of the pull, or attach to the same in any proper manner, a lug, *l*, which, as the pull is retracted, comes to a bearing against a fixed rubber or other suitable cushion, *m*, of the case, thus relieving and counteracting the force of the backward movement of the pull, the lug and cushion being arranged with regard to each other and the casing in such a manner as will prevent the handle of the pull from coming in contact with the end of the casing, and thus accomplish the object of the present invention, before stated, as is evident without further explanation.

I claim as new and desire to secure by Letters Patent—

The combination, with a bell-pull, of a rubber or other suitable elastic cushion or spring, arranged substantially in the manner described, and for the purpose specified.

The above specification of my invention signed by me this 22d day of July, A. D. 1865.

H. HOMER.

Witnesses:

M. M. LIVINGSTON,
C. L. TOPLIFF.