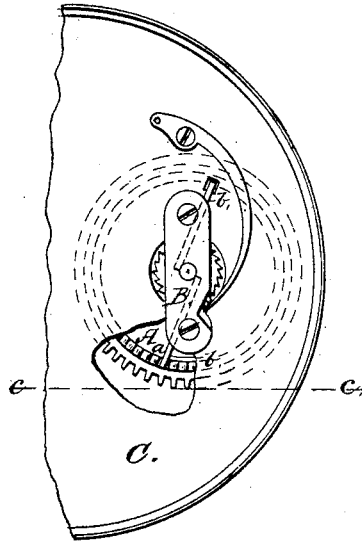


A. CALL.  
Safety-Click for Watch-Barrels.

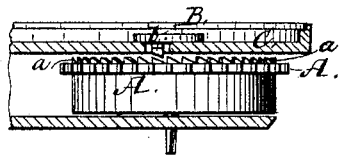
No. 209,457.

Patented Oct. 29, 1878.

*Fig. 1.*



*Fig. 2.*



*Witnesses.*

*Julian D. J. Dandovail  
Dan. J. Miller*

*Inventor*

*Albert Call  
W. H. W. J. Howard  
att'y*

# UNITED STATES PATENT OFFICE.

ALBERT CALL, OF SANTA FÉ, TERRITORY OF NEW MEXICO.

## IMPROVEMENT IN SAFETY-CLICKS FOR WATCH-BARRELS.

Specification forming part of Letters Patent No. 209,457, dated October 29, 1878; application filed March 11, 1876.

*To all whom it may concern:*

Be it known that I, ALBERT CALL, of Santa Fé, in the county of Santa Fé, Territory of New Mexico, have invented an Improvement in Watches, of which the following is a specification:

Figure 1 represents a bottom view of my invention. Fig. 2 is a transverse section of the same on the line *e e*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This invention relates to an attachment to the barrels of watches, whereby the same are prevented from being turned violently backward when the mainsprings break.

The object is to obviate injuring the pivots and other parts of watches usually occasioned by a violent recoil.

My invention relates to a combination of the watch-barrel, constructed as hereinafter described, the bottom plate, the bridge, and certain clicks which engage with the watch-barrel, by which combination the recoil motion of the spring is prevented without interfering

with the requisite operation when the watch is in order.

A in the drawing represents the barrel of the watch. A ratchet-wheel, *a*, is attached to or formed on the lower face of the barrel. On the bridge B, which is fastened to the bottom plate, C, are two clicks, *b b*, whose points pass through the plate C and engage between the teeth of the ratchet-wheel.

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

The watch-barrel A, having its lower face provided with the ratchet-wheel *a*, as described, combined with the bottom plate, C, bridge B, and clicks *b b*, the latter passing through the bottom plate, C, and engaging with said ratchet-wheel *a*, as and for the purposes described.

ALBERT CALL.

Witnesses:

JULIAN D. J. SOWDOVOIL,  
DAN. J. MILLER.