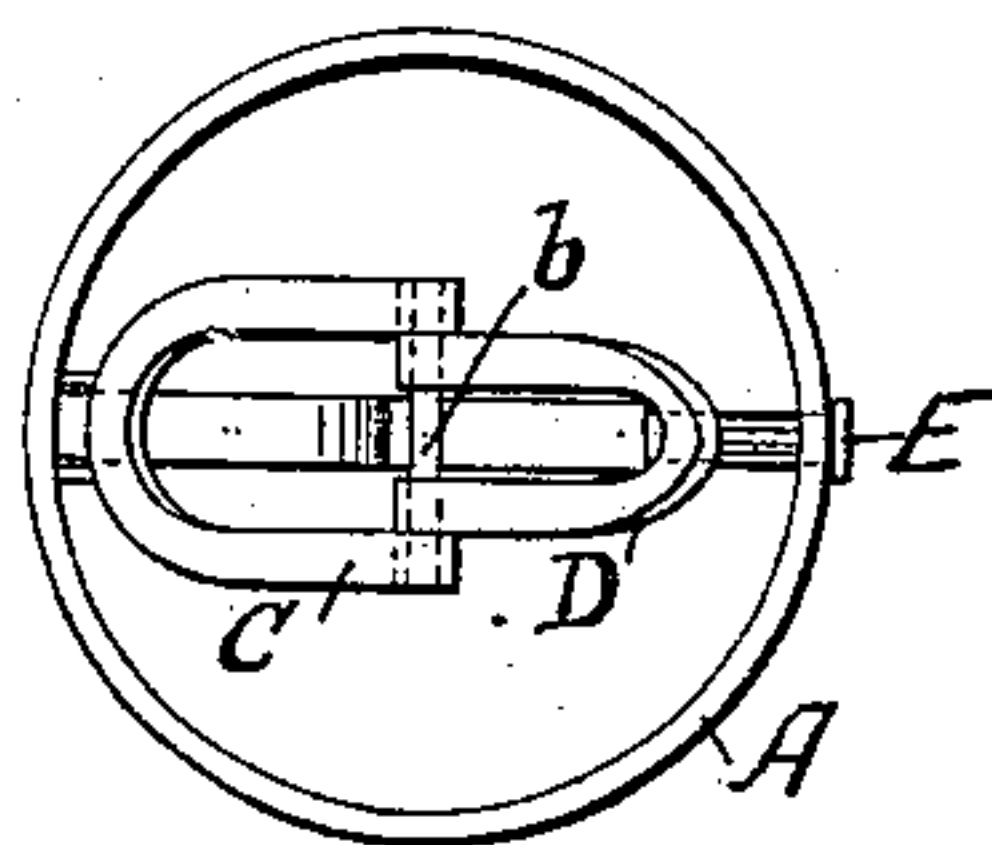


H. McDOUGALL.  
Sleeve and Cuff Button.

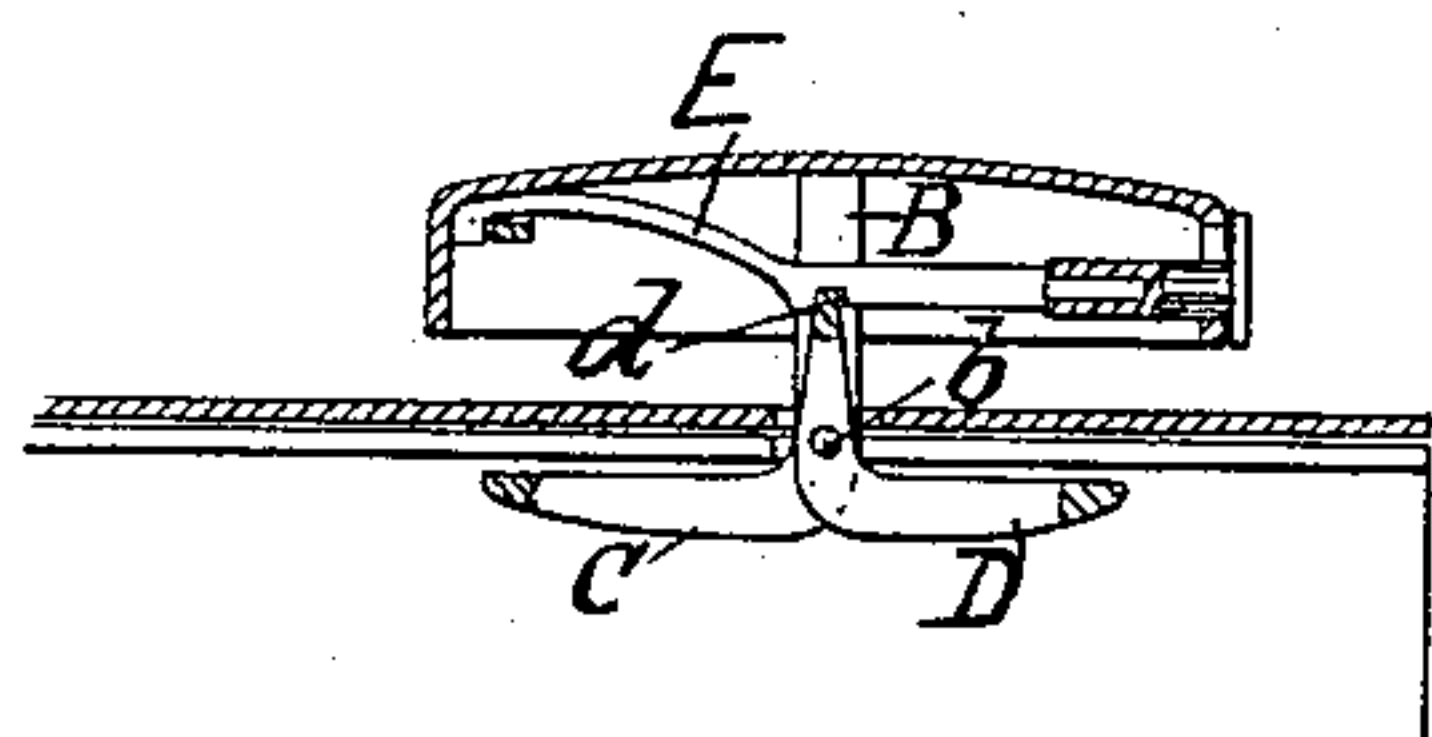
No. 228,370.

Patented June 1, 1880.

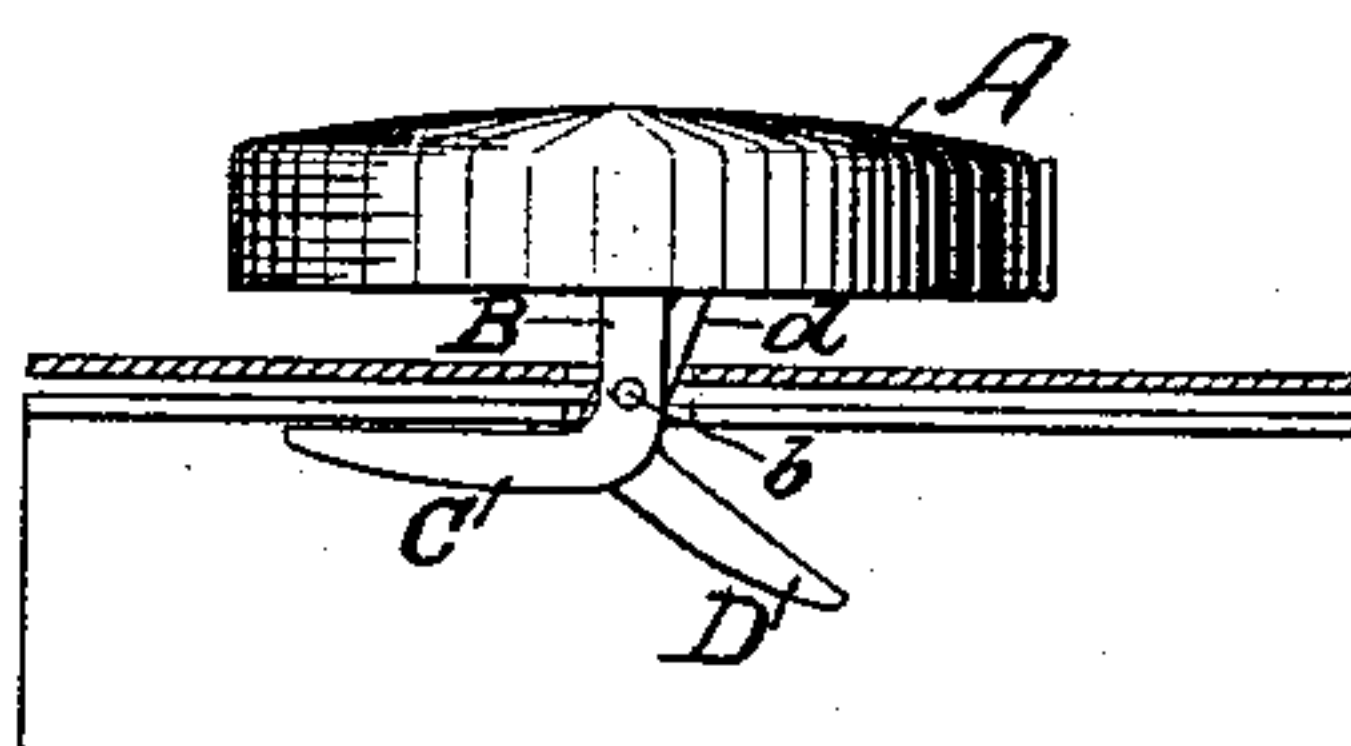
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES  
*Saml. F. Hay*  
*Thos A. Connery*

INVENTOR.  
*Hugh Mc Dougall by Alfred Drane Atty*

# UNITED STATES PATENT OFFICE.

HUGH McDOUGALL, OF BROOKLYN, NEW YORK.

## SLEEVE AND CUFF BUTTON.

SPECIFICATION forming part of Letters Patent No. 228,370, dated June 1, 1880.

Application filed February 27, 1880.

*To all whom it may concern:*

Be it known that I, HUGH McDOUGALL, of Brooklyn, in Kings county and State of New York, have invented certain new and useful  
5 Improvements in Sleeve and Cuff Buttons, of which the following is a specification.

My invention consists in a sleeve or cuff button comprising a front plate, a post projecting therefrom and provided with a fixed arm, a  
10 movable or secondary arm secured to the post by a pivot arranged parallel with the front plate, and a novel construction and arrangement of spring for holding the movable or secondary arm in a locked position when desired.

15 The fixed arm is preferably formed by a bow-shaped continuation of the post, and the movable or secondary arm is of a size to permit it to be turned back within the bow-shaped arm when it is desired to insert the button in  
20 a button-hole.

In the accompanying drawings, Figure 1 is a view of the under surface of the button, showing the arms in the position which they occupy when in use; Fig. 2, a sectional view  
25 of the button when in use, and Fig. 3 a view of the same when being inserted in the cuff or sleeve.

Similar letters of reference designate corresponding parts in all the figures.

30 A shows the front plate, which may be of any desired shape, and is generally made of metal, and ornamented as the taste of the manufacturer may determine. Upon the under side of this plate A is secured the open  
35 post B, the lower portion of which is bent over transversely to the body of the post, and forms, as it were, a stationary bow-shaped arm, C. Within the open post B, upon a pivot, *b*, which is parallel with the face or front  
40 plate of the button, is secured a secondary arm, D, made shorter than the fixed bow-shaped arm C, so that it may be received within it, the metal of which it is composed being continued in course of manufacture, and forming a gate or toe, *d*, placed at an angle to the  
45 arm D, with which, when the arm D is extended into the horizontal position and the gate or toe *d* is brought into the vertical position, as shown in Fig. 2 of the drawings, the  
50 spring E engages and thus holds the arm D in position. One end of the spring E is fast-

ened to the under side of the plate A, and its opposite end is passed through an opening in the rim of the plate A and extends beyond the same sufficiently to be operated upon by  
55 the fingers of the wearer when desired to depress the spring E to remove the button from the sleeve or cuff.

The spring E is preferably curved for a portion of its length, and it is provided with a  
60 notch, within which the gate or toe *d* is received and locked.

Such being the construction, the operation is as follows: To insert the button, the movable arm D is brought into a horizontal position within the arm C, the gate or toe *d* occupying a vertical, or nearly vertical, position, or one in line with the post B. The arms C and D are now passed through the opening in the cuff or sleeve, the gate or toe *d* attached  
70 to the arm D, bearing upon the opposite side of the cuff or sleeve, and as the button is pressed down upon the same serving to turn this arm D out from the position it occupies within the arm C into a horizontal position  
75 upon the post B, when the spring E engages with the gate or toe *d*, which, by the outward movement of the arm D, has been brought into a vertical position within the post B, and bears upon and locks the same, holding the button  
80 securely in the cuff or sleeve.

To remove the button from the cuff or sleeve, the hand of the user is employed to depress the spring E by bearing upon the end projecting through the rim of the plate A sufficiently  
85 to release the gate or toe *d*, and the button may be drawn from the cuff or sleeve, the arm D resuming its original position within the arm C.

A cuff or sleeve button thus constructed will  
90 be found simple and efficient in operation and can be produced at a low cost to the consumer, while its automatic locking, accomplished by the rotating reciprocating movement of the arm D, renders it secure when placed in position in the cuff or sleeve.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a sleeve or cuff button, of a front plate, a post projecting there-  
100 from and having at its lower end a fixed arm, a secondary arm provided with a toe project-

ing at an angle therefrom and secured to said post by a pivot arranged parallel with the front plate, and a spring secured at one end to the front plate, projecting beyond the same  
5 at the other end, and having in its under edge a notch with which the toe upon the secondary arm may engage to lock said arm in position, substantially as specified.

2. The combination of the front plate, A, the  
10 post B, continued so as to form the bow-shaped

open arm C, the secondary arm D, provided with a toe, *d*, secured to the post by the pivot *b*, and adapted to be turned over within the bow-shaped arm C, and the spring E, furnished with a notch for engaging with said toe, sub- 15  
stantially as specified.

HUGH McDOUGALL.

In presence of—

WILLIAM V. H. HICKS,  
CHAS. McDOUGALL.