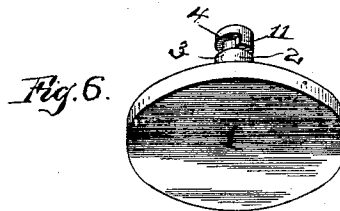
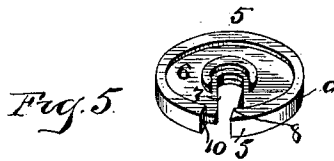
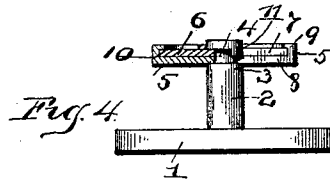
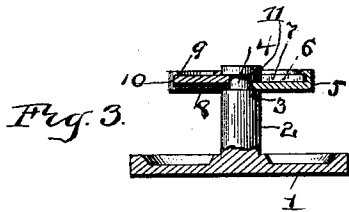
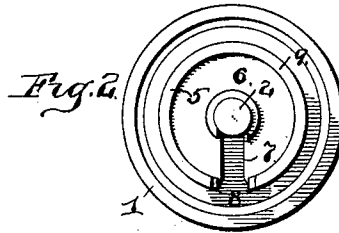
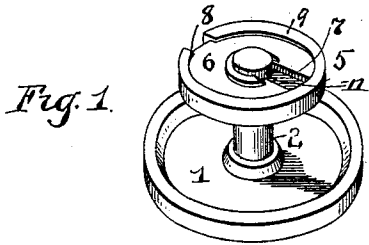


(No Model.)

R. MONDAY.
SEPARABLE BUTTON.

No. 480,336.

Patented Aug. 9, 1892.



Witnesses

H. G. Seitz
H. P. Riley

Inventor

Robert Monday.

By *his* Attorneys,

C. Snow & Co.

UNITED STATES PATENT OFFICE.

ROBERT MONDAY, OF LAMPASAS, ASSIGNOR TO WM. C. PRICE, OF SAME PLACE, AND LEWIS J. WERTHEIMER, OF DALLAS, TEXAS.

SEPARABLE BUTTON.

SPECIFICATION forming part of Letters Patent No. 480,336, dated August 9, 1892.

Application filed July 20, 1891. Serial No. 400,092. (No model.)

To all whom it may concern:

Be it known that I, ROBERT MONDAY, a citizen of the United States, residing at Lampasas, in the county of Lampasas and State of Texas, have invented a new and useful Separable Button, of which the following is a specification.

The invention relates to improvements in separable buttons.

10 The object of the present invention is to provide a simple and inexpensive separable button which will be strong and durable and adapted to be readily separated and assembled and in which there will be no liability
15 of the parts becoming accidentally separated or unfastened.

20 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

25 In the drawings, Figure 1 is a perspective view of a separable button constructed in accordance with this invention. Fig. 2 is a reverse plan view, the disks of the back of the button being arranged for separation. Fig. 3 is a sectional view, the parts being in the position shown in Fig. 1. Fig. 4 is a similar
30 view, the parts being in the position shown in Fig. 2. Figs. 5 and 6 are perspective views of the parts separated.

35 Referring to the accompanying drawings, 1 designates the front of a separable button, having a central stem 2, which is provided near its end 3 with an annular groove 4 and is adapted to receive a removable back 5. The back 5 consists of a pair of slightly-concaved disks 5 and 6, arranged together and provided with radial openings 7 and 8, extending from their circumferences to their
40 centers and adapted to receive within them the stem 2 and to straddle the reduced portion at the annular groove 4, and the outer disk 5 is adapted to be rotated to carry its opening 7 out of alignment with the opening 8 to close the latter and to confine the end 3 of the stem 2 at the centers of the disks. The inner disk 6 is provided at its periphery with a flange 9, which has in its inner face an annular groove 10 to receive the outer disk 5 to
50 confine the same and enable the disk 5 to be turned on the inner disk 6 to bring the open-

ings 7 and 8 in and out of alignment to release and to confine the stem 2. The outer disk 5 is rotated by a lug 11, arranged on the stem and in the annular groove, and when the reduced portion of the stem is inserted in the openings and is arranged in the centers of the disks the stem is adapted to be turned to bring the lug 11, which is of the same thickness as the disk 5, into engagement to turn the latter. Instead of the stem being turned, the front of the button may be held stationary and the inner disk 6 may be turned to accomplish the same purpose. The outer end 3 of the stem fits snugly in the centers of the disks 5 and 6, and the former is provided on its outer face with a boss, which is curved and arranged around the inner end of the opening 7 and is recessed to form a seat for the end 3 of the stem.

It will be seen that the separable button is simple, strong, and durable and is inexpensive in construction, and that its parts are adapted to be readily separated and assembled, and that there is no liability of their becoming accidentally unfastened.

What I claim is—

1. In a separable button, the combination of a back composed of two disks permanently connected together and rotatively mounted on each other and provided with radial openings extending from the periphery to the center, a front, and a stem secured to the front and arranged in said openings and engaging one of the disks and holding the same against rotation, the other disk being free to turn, substantially as described.

2. In a separable button, the combination of a front, a stem provided with an annular groove and having a lug arranged in the groove, and a back composed of two disks rotatively mounted on each other and provided with radial openings extending from the periphery to the center to receive the stem, one of the disks being arranged to be engaged by said lug, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ROBERT MONDAY.

Witnesses:

ED. WOOD, Jr.

ROBERT P. GLENN.