M. M. MORGAN.

BUTTON.

APPLICATION FILED JULY 12, 1920.

1,362,434. Patented Dec. 14, 1920.

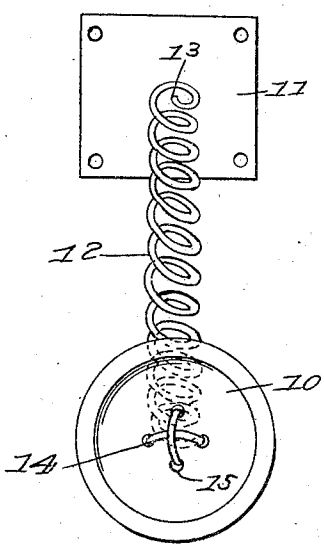


Fig. 1.

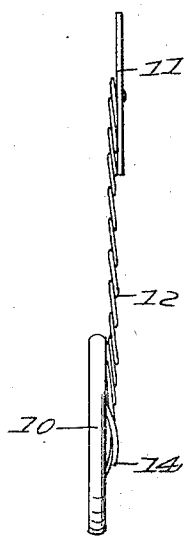


Fig. 2.

Inventor
Mary M. Morgan,
By Osborne Talbert
Attorney

UNITED STATES PATENT OFFICE.

MARY M. MORGAN, OF PHILOMATH, OREGON.

BUTTON.

1,362,434. Specification of Letters Patent. Patented Dec. 14, 1920.

Application filed July 12, 1920. Serial No. 395,687.

To all whom it may concern:

Be it known that I, MARY M. MORGAN, a citizen of the United States of America, residing at Philomath, in the county of Benton and State of Oregon, have invented new and useful Improvements in Buttons, of which the following is a specification.

The object of the invention is to provide a button for use on clothing and more particularly in connection with boys' trousers with a view to minimizing the tendency to the tearing off the button under strain to which they are subjected, and of tearing off portions of the fabric where the attaching means is sufficiently strong to resist the strain, and with this object in view, the invention consists in the construction and combination of parts, of which a preferred embodiment is shown in the accompanying drawings, wherein:—

Figure 1, is a plan view of a button and attaching means embodying the invention.

Fig. 2, is an edge view of the same.

Essentially the device consists of a button head or disk 10 and an attaching plate or member 11 adapted to be sewed or stitched to the garment in any desired or convenient location, the connection between the head and attaching member consisting of a flattened spring wire coil 12 terminally secured respectively to the head and attaching plate and disposed in a plane parallel with said head and plate.

The connection may be produced by transversely flattening a coil of spring wire so as to dispose the convolutions thereof in substantial parallelism in the plane of the length of the connection instead of transverse thereto as with the ordinary coil and in practice it is preferable to extend one end of the connection through a central or intermediate opening 13 in the attaching plate where it may be headed or otherwise formed to prevent the incidental disengagement or displacement, the other end of the connection being extended and crossed to provide the loops 14 engaged with the button head openings 15.

When attached to the garment the button head lies parallel with the plane of the surface of the garment just as when stitched thereto in the ordinary way by utilizing the perforations 15, but instead of being thus directly stitched to the garment with the improved construction of attaching means, there is an elastic connection provided which serves to yield when the garment is subjected to strain, so that the tendency to break the button loose from the garment or tear the garment is reduced to the minimum, and at the same time the wearer of the clothing is allowed a freedom of movement which is impossible when a direct attachment of suspenders, stays, a jacket or a shirt waist, is made to the trousers.

The invention having been described, what is claimed as new and useful is:—

A button for the purpose described having a head and an attaching plate connected by a coil of which the convolutions are disposed in substantial parallelism with and in the plane of said head and plate, the extremities of said connection being engaged with perforations respectively in the head and plate.

In testimony whereof I affix my signature.

MRS. MARY M. MORGAN.