

No. 843,158.

PATENTED FEB. 5, 1907.

Z. M. LEGER.
DETACHABLE BUTTON.
APPLICATION FILED APR. 18, 1908.

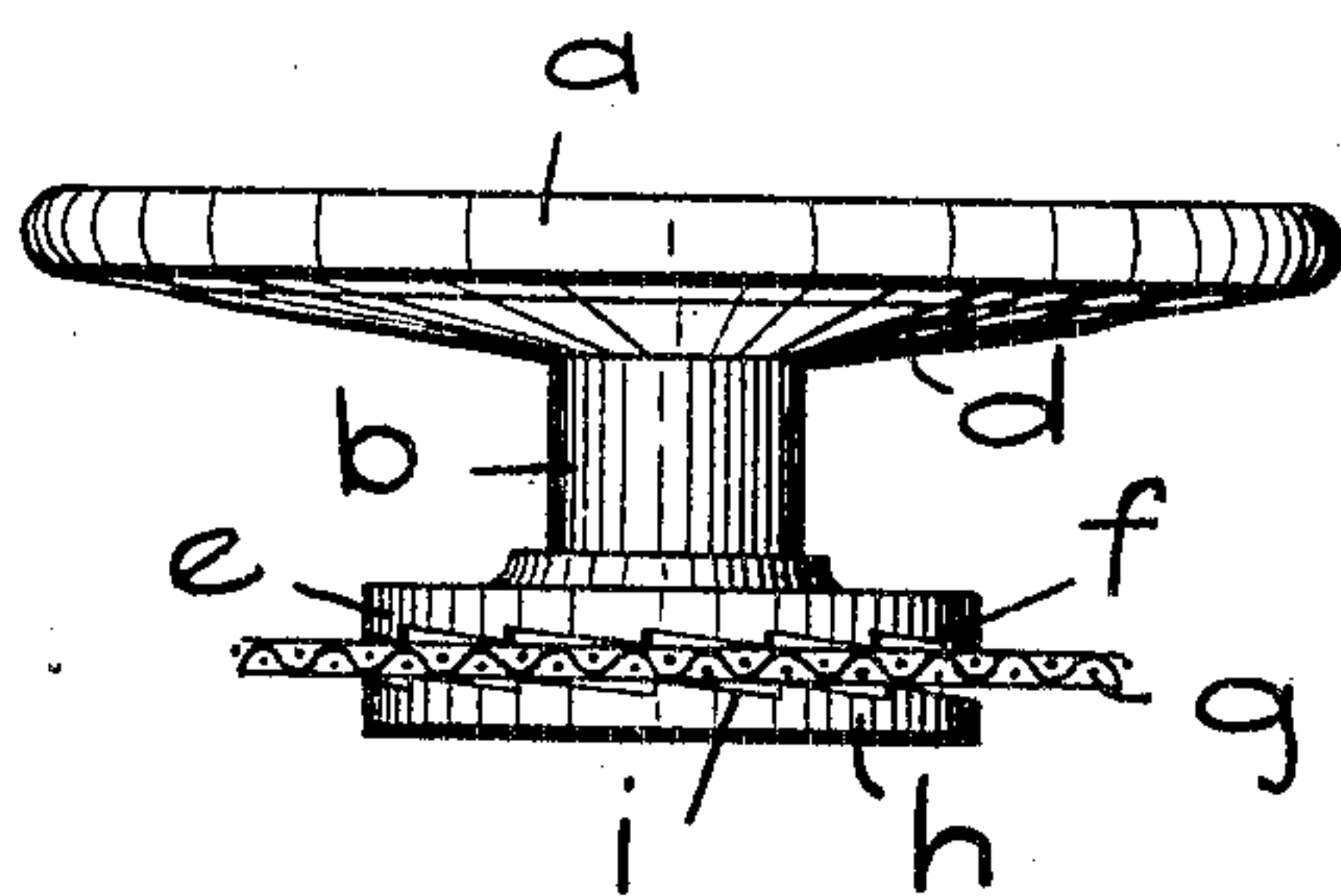


FIG. 1.

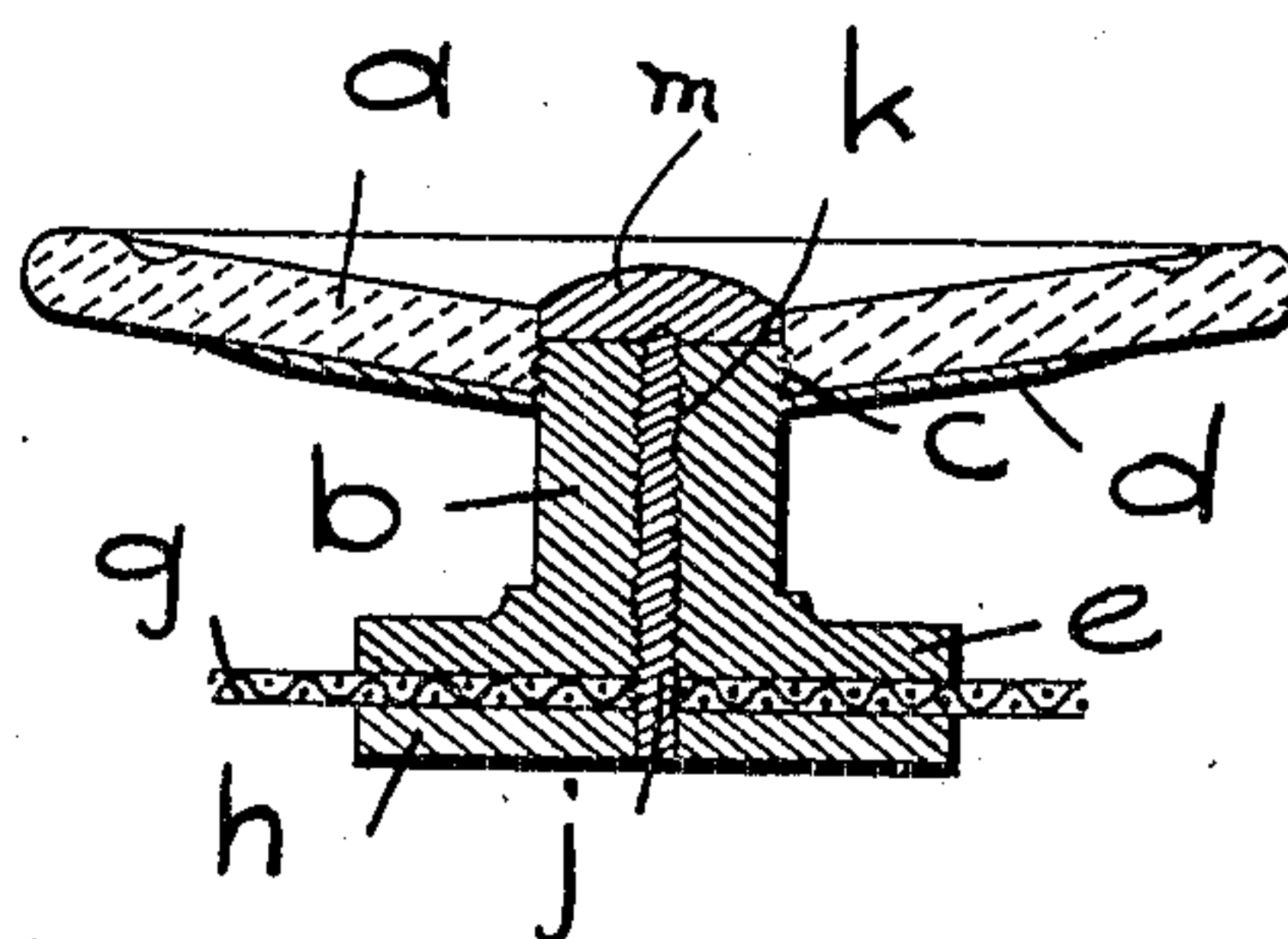


FIG. 2.

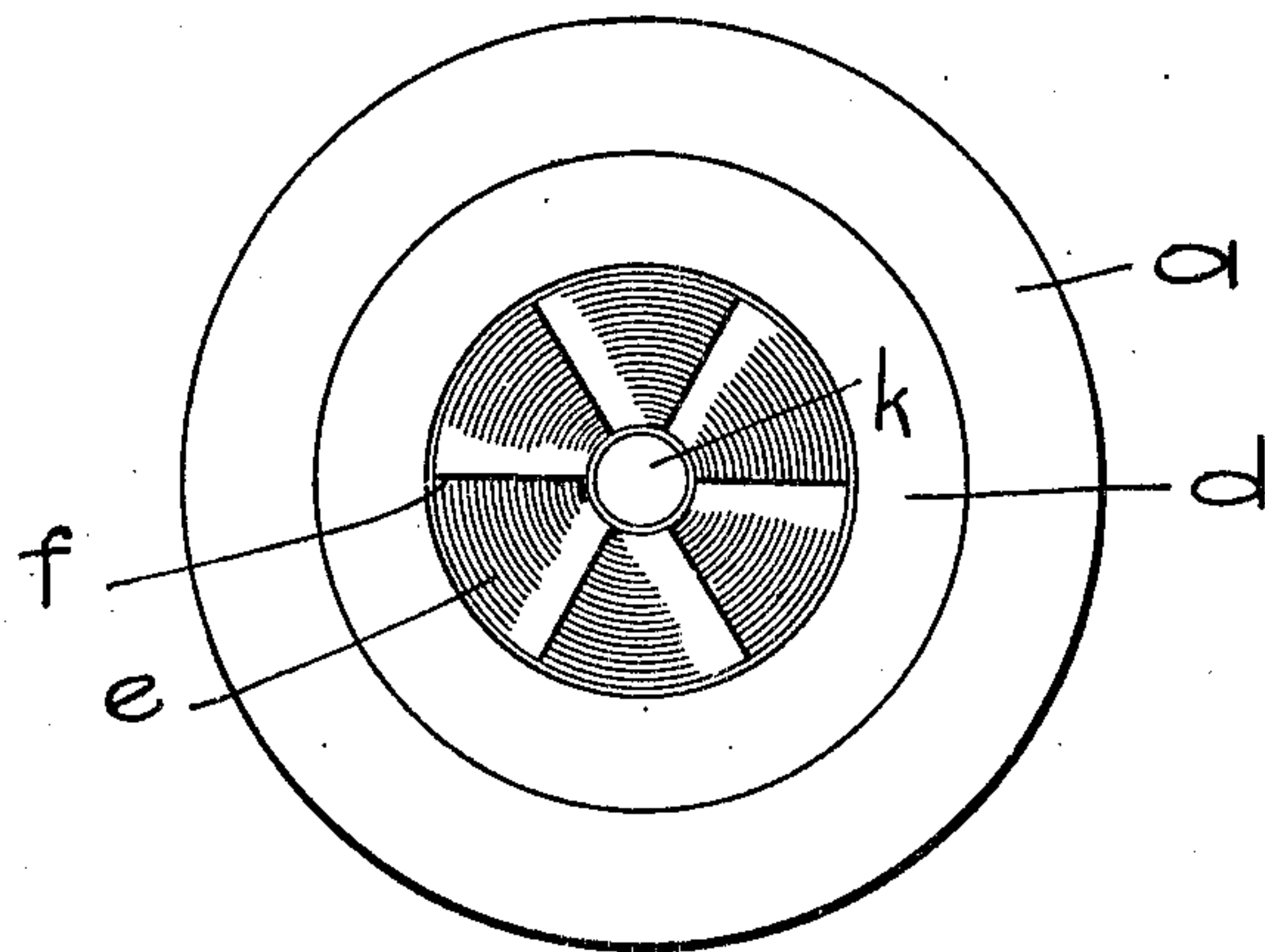


FIG. 3.

WITNESSES.

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ZOEL M. LEGER, OF MONCTON, NEW BRUNSWICK, CANADA.

DETACHABLE BUTTON.

No. 843,158.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed April 18, 1906. Serial No. 312,434.

To all whom it may concern:

Be it known that I, ZOEL M. LEGER, of the town of Moncton, in the county of Westmoreland, Province of New Brunswick, Canada, have invented certain new and useful Improvements in Detachable Buttons, of which the following is a specification.

My invention relates to improvements in detachable buttons; and the objects of my invention are to provide a cheap and simple form of button readily attachable or detachable and in which the head may be removed and changed when desired; and it consists, essentially, of the improved construction hereinafter more particularly described, and specifically set forth in the accompanying claim.

Figure 1 is a side view of my button with the cloth in section. Fig. 2 is a vertical section through the same. Fig. 3 is an enlarged plan view of the under side of the button with the attaching means removed.

In the drawings like letters of reference indicate corresponding parts in each figure.

a is the head of my button, and *b* the shank thereof. The head is removably connected to the shank, being provided with a screw-threaded recess *c*, into which the screw-threaded top on the shank fits.

d is an annular plate formed integral with the shank which abuts the under side of the head and steadies the same in position. Integral with the lower end of the shank is a plate *e*, having on the under side thereof a plurality of radial teeth or corrugations *f* of any desired shape that will grip the cloth and prevent the button from moving.

In place of either casting or boring the recess *c* in the under side of the top I prefer to form it by boring a hole completely through and then covering the top of the said hole by means of a small cap *m*, fitted into position at the top thereof.

On the opposite side of the cloth *g*, to which the button is to be secured, the attaching-plate *h* is located, having thereon a plurality of radial teeth *i* similar to the teeth *f* and formed in such a manner that they will prevent the rotation of the plate. The attaching-plate is removably held in position by means of an externally-screw-threaded pin *j*, secured thereto, which extends into an internally-screw-threaded recess *k*, provided in the shank.

The formation of the teeth on both plates entirely prevents the button from becoming unfastened and the removable head enables the same shank to be used over again, although the head may become broken.

What I claim as my invention is—

A detachable button comprising a shank having the top thereof externally screw-threaded, a head having an internally-screw-threaded recess into which the end of the shank fits, an annular plate integral with the top of the shank, adjacent to the screw-threading, and adapted to abut the under side of the head, a second plate integral with the opposite end of the shank, a plurality of radial ratchet-teeth formed on the outer surface thereof, an attaching-plate thereon an externally-screw-threaded pin secured to said plate and an internally-screw-threaded recess on the shank into which said pin is adapted to extend as and for the purpose specified.

Signed at Moncton, in the Province of New Brunswick, this 7th day of April, 1906.

ZOEL M. LEGER.

Witnesses:

W. BEN JONES,
GURNEY L. JONES.