N. P. GEISERT.

SEPARABLE FASTENER.

APPLICATION FILED MAR. 2, 1917.

1,247,258.

Patented Nov. 20, 1917.

Fig. 1

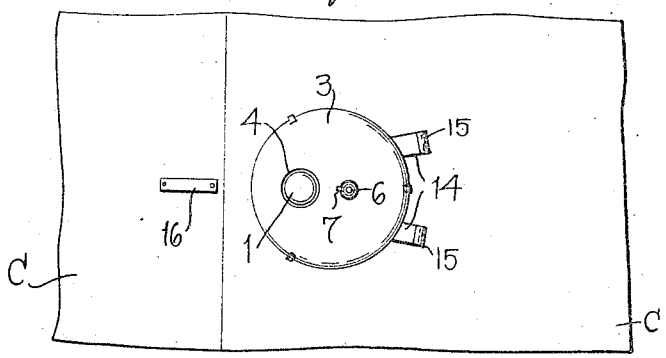


Fig. 2

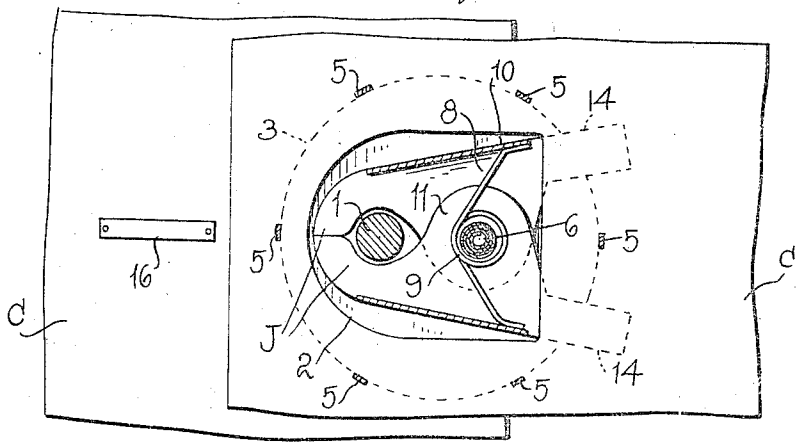
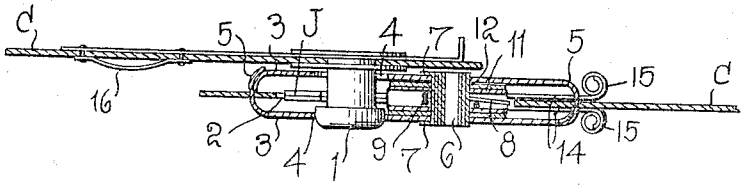


Fig. 3



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SEPARABLE FASTENER.

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To all whom it may concern:

Be it known that I, NICHOLAS P. GEISERT, a citizen of the United States, residing at Elmo, in the county of Dickinson and State of Kansas, have invented certain new and useful Improvements in Separable Fasteners, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in separable fasteners and has relation more particularly to a device of this general character especially designed and adapted for use in connection with the overlying marginal portions of curtains such as employed upon automobiles or other vehicles; and it is an object of the invention to provide a device of this general character which may be readily assembled or separated from either side of the curtains.

It is also an object of the invention to provide a novel and improved separable fastener of a head and socket type and wherein pivoted jaws are adapted to coact with the head and wherein each of said pivoted jaws is provided with spaced arms adapted to be positioned at opposite sides of a curtain or the like so that said jaws may be readily and conveniently operated from either side of the curtain.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved fastener whereby certain important advantages are attained and the device is rendered simpler, less expensive and otherwise more convenient and advantageous for use, all as will be hereafter more fully set forth.

The novel features of the invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein

Figure 1 is an elevational view illustrating a separable fastener constructed in accordance with an embodiment of my invention and in applied position;

Fig. 2 is an enlarged fragmentary view partly in elevation and partly in section illustrating my improved separable fastener as herein embodied and also in applied position; and

Fig. 3 is a longitudinal horizontal sectional view taken through Fig. 2.

As disclosed in the accompanying drawings, C denotes curtains having marginal portions adapted for overlying relation and carried by the marginal portion of one of said curtains is the headed member or stud 1 adapted to be directed through an opening 2 formed in the adjacent marginal portion of the second curtain.

Overlying the opposite faces of the second curtain are the concavo-convex disks or plates 3 provided at their centers with openings 4 adapted to register or aline with the opening 2 in the second curtain and the marginal portions of the disks or plates 3 are provided with the prongs or fingers 5 adapted to penetrate the second curtain and to be bent back upon the plates or disks 3 so that said disks or plates will be effectively secured to the second curtain.

Disposed through the rear portion of the plates or disks 3 and also directed through the marginal portion of the second curtain C is the removable pintle 6 herein disclosed as comprising a sheet of metal rolled into substantially a cylindrical form and having its opposite ends provided with the tongues 7 adapted to be bent to overlie the outer faces of the disks or plates 3, whereby said pintle 6 is effectively maintained in applied position. It will be understood, however, that if preferred the pintle may be maintained in applied position in any desired manner.

Pivotally engaged with the pintle 6 are the jaws J and said jaws are constantly urged one toward the other through the medium of the spring member 8 herein disclosed as a resilient wire having its intermediate portion coiled, as at 9, to encircle the pintle while the opposite end portions of the spring 8 bear against the tails 10 of the jaws J.

As herein embodied, each of the jaws J is formed of sheet metal and bent upon itself in overlying relation with the inner margins of said overlying portions provided with the lateral extensions 11 having registering openings 12 through which the pintle 6 is directed. In assembling the device the extensions of one jaw are interposed between the extensions of the second jaw as is believed to be clearly disclosed in the accompanying drawings and the free end portions of the spring 8 contact with the bend portions of the tails 10 of the jaws J.

The overlying portions of the tail of each

jaw are provided with the extensions 14 separated throughout their lengths and which extend beyond the disks or plates 3 and arranged at opposite sides of the second curtain C, said extensions 14 terminating in the laterally directed parts 15 herein disclosed as being formed by rolling the outer end portions of said extensions back upon themselves. These parts 15 afford effective means whereby inward movement may be imparted to the tails 10 of the jaws J in order to separate said jaws when it is desired to disconnect the overlying portions of the curtain C. By having the extensions of the tails arranged at opposite sides of the second curtain it will be at once self-evident that the curtains may be disconnected from either side thereof.

The first named curtain immediately adjacent the head or stud 1 and at the same side thereof is provided with the finger loop 16 which is adapted to facilitate the insertion of the head or stud between the jaws J when a person is standing at the side of the curtains toward which the stud or head 1 extends.

From the foregoing description, it is thought to be obvious that a fastener constructed in accordance with my invention is of an extremely simple and comparatively inexpensive nature and is particularly well adapted for use by reason of the convenience and facility with which it may be assembled, and it will also be obvious that my invention is susceptible of some change and modification without material departure from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice, except as hereinafter claimed.

I claim:

1. In a separable fastener, a socket member adapted to be secured to a support, and relatively movable jaws arranged within the socket member, each of said jaws being provided with extensions adapted to be arranged at opposite sides of the support.

2. In a separable fastener, a socket member adapted to be secured to a support, relatively movable jaws arranged within the socket member, each of said jaws being provided with extensions adapted to be arranged at opposite sides of the support, and means for constantly urging the jaws one toward the other.

3. In a separable fastener, a socket member adapted to be connected to a support, pivoted jaws arranged in said socket member, means for constantly urging said jaws one toward the other, and spaced extensions carried by each of the jaws and extending exteriorly of the socket and adapted to be positioned at opposite sides of the support.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

NICHOLAS P. GEISERT.

Witnesses:
JOHN BONFIELD,
JOHN BARTEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."