

J. R. SCOTT.
DETACHABLE HANDLE FOR HAND BAGGAGE.
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1,035,483.

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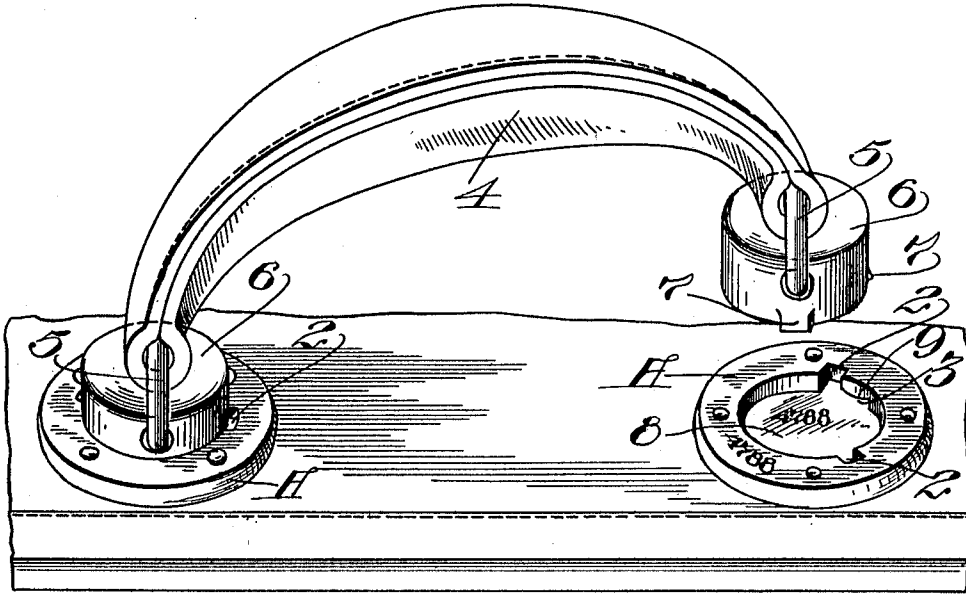


Fig. 1.

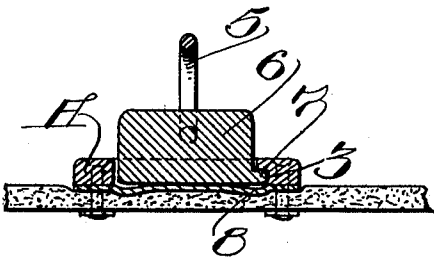


Fig. 2.

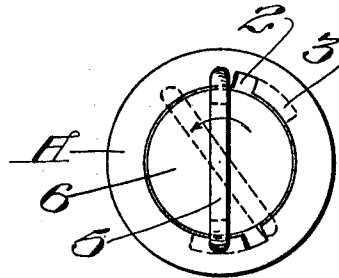


Fig. 3.

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UNITED STATES PATENT OFFICE.

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DETACHABLE HANDLE FOR HAND-BAGGAGE.

1,035,483.

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To all whom it may concern:

Be it known that I, JOHN R. SCOTT, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Detachable Handles for Hand-Baggage, of which the following is a specification.

My invention relates to a detachable handle for suit cases and other hand baggage.

It consists of sockets fixed in the article to which the handle is to be applied and a handle having plugs with lugs adapted to turn and interlock with the sockets; the device being readily removable by the owner whenever the article is to be temporarily left.

The invention consists of the parts and the combination and construction of parts as hereinafter more fully described and claimed having reference to the accompanying drawings in which—

Figure 1 is a perspective view showing the handle partly detached. Fig. 2 is a cross section of the plug and socket. Fig. 3 is a plan view of same.

For the purpose of preventing the unlawful carrying away of small articles of hand baggage it is desirable to have some means for detaching the usual handle so that the article being without handle cannot be readily carried away without attracting notice.

In order to provide a convenient device of this kind I have shown perforated disks A riveted or otherwise secured to the top of a suit case having a central opening with notches 2, and under-cut grooves 3. The handle 4 may be of any suitable or desired construction and has rings 5 at each end. These rings are connected with disks 6 and these disks have lugs 7 projecting from the sides of the lower ends. These lugs are designed to enter the notches 2 and afterward be turned so as to interlock with the under-cut grooves 3. In order to make this engagement sufficiently firm and at the same time allow them to be disengaged, the connection of the ring 5 and the flexibility of the handle 4 are such that the disk may be twisted sufficiently to introduce the lugs into the notches, and then by turning the disks until the lugs are out of line with the notches the handle is securely attached to the article. In order to prevent wear and to produce a certain amount of pressure to

hold the disk in engagement with the socket, I have shown metallic disks 8 which are secured beneath the bottom of the part of the annular socket piece 3, and when the plugs are introduced they rest and turn upon these disks and prevent wear of the leather beneath, and also as before stated, provide a sufficient amount of pressure to insure the firm locking of the engaging parts. These plates also serve to take up any wear that may in time occur.

In order to insure the lock engaging and remaining in place, I have shown the under-cut grooves as being formed with a small curvature 9, in the groove of the disk so that when the lugs pass this elevated portion they will be prevented from readily coming back, but a little power applied will readily turn and disengage them. These devices are designed to be made in sets, each set having a different sized opening and lug, so that one handle cannot be applied to another article, and for further security each set is numbered and a corresponding number is given to the owner to carry with him, so that in case of question of ownership of the article, the real owner can produce the corresponding numbered tag.

Whenever the suit case or other article is to be left, it is only necessary to turn one of the interlocking plugs until it disengages, when the other may be readily turned and the handle can be carried away. It will then be impossible for any one not entitled to take the article to carry it away except by taking it bodily under the arm, which would attract attention and lead to detection.

Having thus described my invention what I claim and desire to secure by Letters Patent is—

1. A detachable handle for suit cases and like articles, including annular disks secured to the article and each having an axial opening, the walls of said openings having notches and said disks having undercut grooves, plugs adapted to fit said opening, said plugs being separate from and mounted for swinging movement on the ends of the handle and having lugs to enter and engage with the grooves.

2. In a detachable handle for suit cases and the like, annular disks fixed flatwise to and parallel with the sides of the case, said disks having open centers and having notches and curved, under-cut grooves, plugs adapted to fit said openings, having

lugs to enter the notches, independent swinging connections between the plugs and the ends of the handle whereby the lugs may be interlocked or disengaged.

- 5 3. In a detachable handle for suit cases and the like, annular disks fixed flatwise and parallel with the side of the case, said disks having open centers and having notches and curved, under-cut grooves, plugs adapted to fit said openings, having lugs to enter
10 the notches, independent swinging connec-

tions between the plugs and the ends of the handle whereby the lugs may be interlocked or disengaged, and elastic wearing and take-up plates fitted beneath the disks. 15

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JOHN RAMALEY SCOTT.

Witnesses:

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