

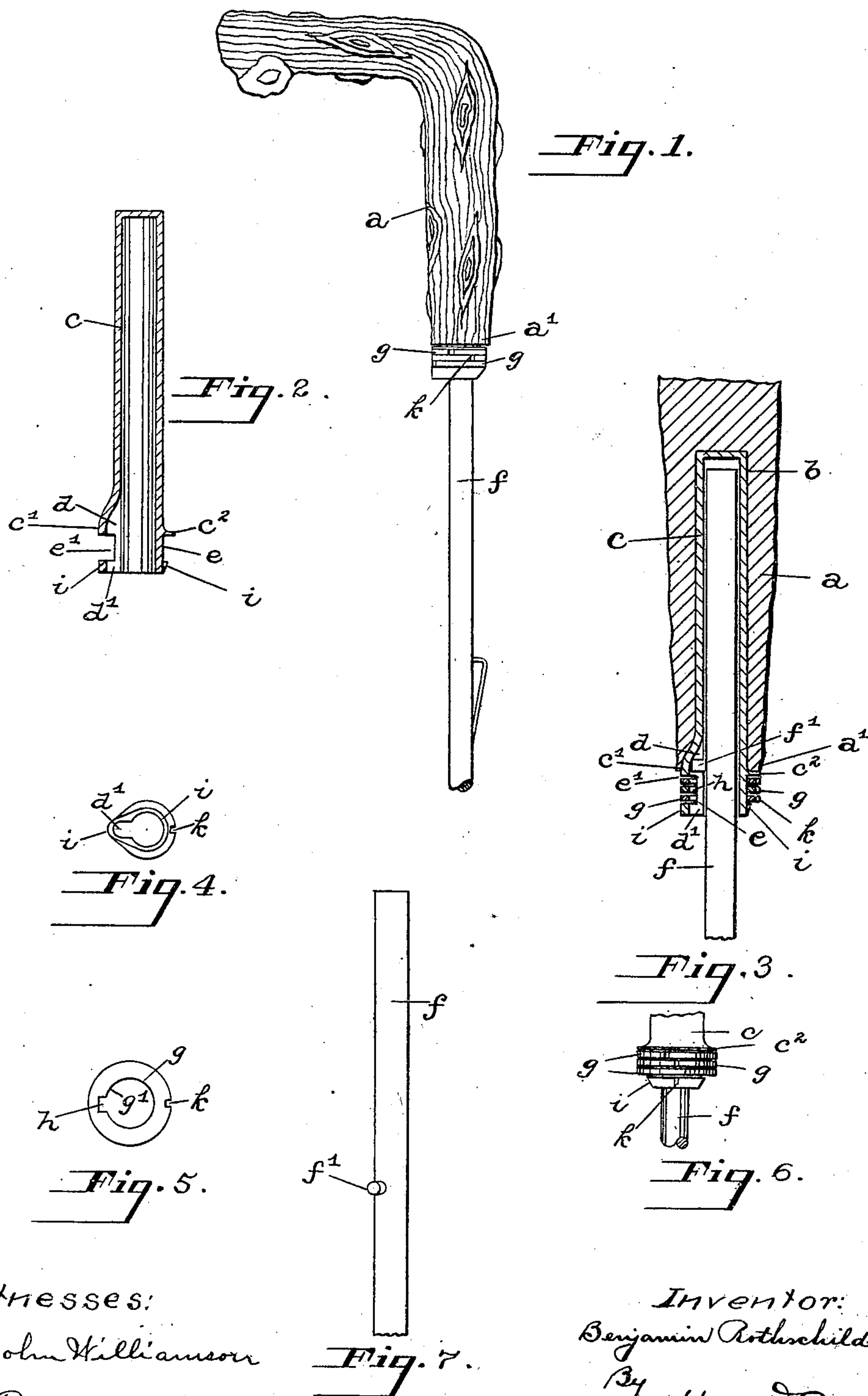
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B. ROTHSCHILD.
DETACHABLE HANDLE FOR UMBRELLAS.

APPLICATION FILED FEB. 1, 1904.

NO MODEL.



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UNITED STATES PATENT OFFICE.

BENJAMIN ROTHSCHILD, OF BALTIMORE, MARYLAND.

DETACHABLE HANDLE FOR UMBRELLAS.

SPECIFICATION forming part of Letters Patent No. 763,117, dated June 21, 1904.

Application filed February 1, 1904. Serial No. 191,447. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN ROTHSCHILD, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Detachable Handles for Umbrellas or Parasols, of which the following is a specification.

My invention relates to a detachable handle for umbrellas or parasols.

One object of the invention is to provide a handle of such construction that the same may be readily attached to or detached from the rod at will in order to shorten the umbrella to enable it to be packed in a trunk.

Another object of the invention is to provide a detachable handle that when attached will not accidentally become detached.

Another object of the invention is to provide a detachable handle of such construction that when the same is attached it will be rigidly secured in place.

With these and other objects in view the invention is illustrated in the accompanying drawings, in which—

Figure 1 illustrates an umbrella or parasol rod provided with my improved detachable handle. Fig. 2 illustrates a vertical sectional view through the socket that is within the handle. Fig. 3 illustrates a vertical sectional view through the lower portion of the handle, socket, and fastening devices with the rod in position. Fig. 4 illustrates a bottom plan view of the socket; Fig. 5, a plan view of one of the locking-rings. Fig. 6 is a side elevation of the lower end of a handle, the locking-rings, and a portion of the rod; Fig. 7, a side elevation of the upper portion of the rod.

In the drawings, *a* designates a handle of any suitable form or construction and having a central bore *b*. A tubular socket *c* fits into the central bore, and said socket at its lower end is provided with a side passage or pocket *d*, formed by stretching the metal wall outwardly, as at *e'*. A cylindric neck *e* is around the lower end of the socket, and a notch or slot *e'* is also provided in the socket and opens through the side pocket to the interior of the socket and exposes the rod *f* of the umbrella or parasol. A flange *e''* is also

provided on the exterior of the socket and extends circumferentially around the neck, and said flange has position in the same horizontal plane with the upper end of the said notch *e'*. This flange serves as a stop to bear against the bottom end *a'* of the handle. A bottom flange *i* surrounds the lower end of the neck *e* and serves to retain the locking-rings in position, and said flange is provided with a passage *d'*, which is in line with the pocket *d*.

A plurality of locking-rings *g* have position around the neck *e*, and said rings cover the slot *e'* and are movable or rotatable in a horizontal plane independently of each other around said neck.

The inner circumferential edge *g'* of each ring *g* is provided with an inner key-seat-like groove *h*, and when in position on the socket the rings may be turned so that said grooves may be made to register with each other and also register with the pocket or passage *d* in the socket.

The rod *f* is provided with a laterally-projecting pin or lug *f'*, which latter when the rod is inserted in the socket will pass up through the passage *d'*, the grooves *h* in the rings, and into the pocket *d*. When the pin is seated in the pocket *d*, the rod cannot be turned independently of the handle.

After the upper end of the rod has been inserted in the socket the locking-rings are given independent turns, so that the groove *h* of the several rings will be out of register with each other, and then the handle cannot be withdrawn.

A mark *k* is made on the exterior of each ring and also on the socket, so that when all the marks register the grooves *h*, passages *d*, and pocket will also be in register, and the handle may then be withdrawn or inserted.

It will readily be seen that by detaching the handle the umbrella will be so shortened as to be easily packed in a trunk or case which would not otherwise receive it.

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

1. In an umbrella or parasol the combination with a handle having a central bore; of a socket having a side pocket and also having

a slot which opens into said side pocket; a plurality of grooved rings surrounding said socket and independently rotatable thereon and covering said slot; a rod, and means co-
5 acting with the pocket of said socket to lock the handle and rod against independent rotation.

2. The combination with a handle; of a socket fitting in said handle and having a side
10 pocket and surrounding neck; a plurality of rotatable rings on the said neck and each ring having an inner groove, said rings adapted to be turned so as to make their grooves register with the side pocket, and a rod having a lateral
15 projection which passes through the grooves of said rings and takes in said pocket.

3. The combination with a handle; of a socket in said handle and provided with a side pocket and also a slot opening into said pocket; a plurality of rotatable rings surrounding the
20 socket at said slot and each ring having an inner groove, and a rod having a projection which passes through the grooves in said rings and takes in the pocket of said socket when the rod is inserted in the latter. 25

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

BENJAMIN ROTHSCCHILD.

Witnesses:

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