June 26, 1923. 1,460,057

W. C. J. EISEN

HANDLE

Filed Jan. 20, 1922

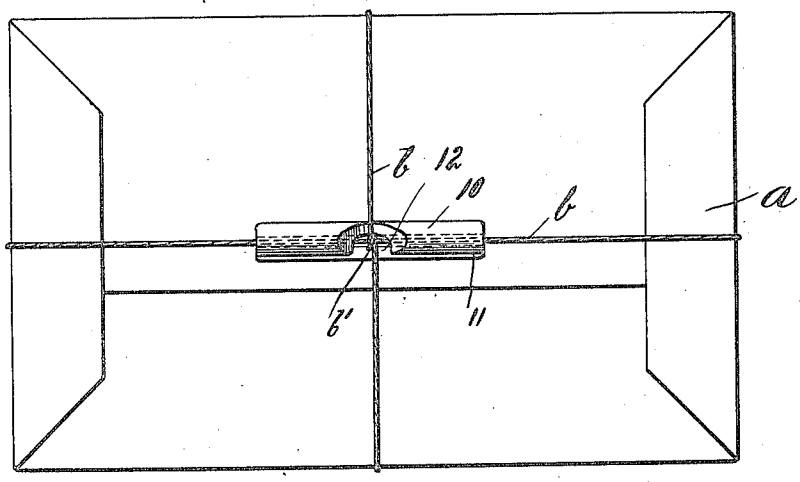


Fig. 1

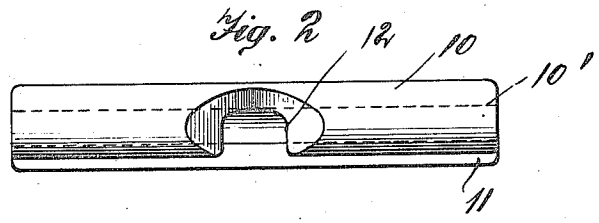


Fig. 2

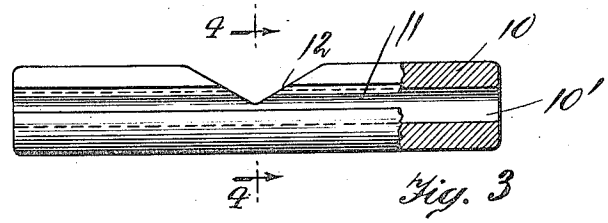


Fig. 3

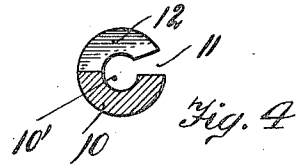


Fig. 4

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Patented June 26, 1923. 1,460,057

UNITED STATES PATENT OFFICE.

WILLIAM C. J. EISEN, OF JERSEY CITY, NEW JERSEY.

HANDLE.

Application filed January 20, 1922. Serial No. 530,555.

To all whom it may concern:

Be it known that I, WILLIAM C. J. EISEN, a citizen of the United States of America, and a resident of Jersey City, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Handles, of which the following is a specification.

The present invention relates to handles for carrying parcels or packages tied by a string or the like.

The handle as at present used consists of a hollow rod with a U-shaped wire passed through it and the ends of which are hooked shaped to engage the string. Such handles which, as well known, are given away free to purchasers by the stores, are comparatively inexpensive owing to the material and the cost of manufacture. Apart from that, it often entails a loss of time in attaching the handle to the string, as the string has to be twisted around the hooks in order to prevent the handle from shifting or slipping off.

The object of my invention is to provide a construction which will obviate these drawbacks.

In the accompanying drawing in which similar reference characters denote corresponding parts, Fig. 1 is a plan view of a package tied with a string to which my new handle is applied; Fig. 2 is a side elevation of the handle; Fig. 3 is a top plan view thereof partly in section and Fig. 4 is a cross section on line 4—4 of Fig. 3.

In the drawing, *a* denotes a package which is tied around by a string *b*. The handle consists of a rod 10, preferably of circular cross section, which is provided with a central circular bore 10′ and a channel or groove 11 in the circumference terminating in said bore. Both the bore and groove extend throughout the entire length of the rod. At an intermediate point of the groove 11 a laterally extending cross groove 12 of elliptical or other suitable shape may be provided to engage the cross part of the string.

In use the handle 15 is inserted between the string and package and the string is slipped through the groove 11 into the bore 10′ of the rod. In case the string is tied crosswise around the parcel (as shown in Fig. 1), the rod can be so positioned that its groove 12 will engage the string at the crossing (as at *b*′), whereby the rod will be held against shifting.

This contrivance because of its simplicity of construction considerably reduces the cost of manufacture and material, and has the additional advantage that it can be easily and quickly applied to and removed from the package.

As material, either wood or the like or a suitable composition may be used.

What I claim and desire to secure by Letters Patent is:—

1. A detachable handle for parcels or packages tied by a string or the like, comprising a rod having a groove in the circumference extending throughout the entire length thereof and serving to engage the string.

2. A detachable handle for parcels or packages tied by a string or the like, a rod having a groove in the circumference extending throughout the entire length thereof and an intermediate cross groove for the engagement of said string.

3. A detachable handle for parcels or packages tied by a string or the like, comprising a rod having a central bore, a groove in the circumference terminating in said bore and extending throughout the length of said rod and an intermediate cross groove in said first groove, for the purpose described.

WILLIAM C. J. EISEN.

Witnesses:
MAX D. ORDMANN,
JOSEPH F. MCMAHON.