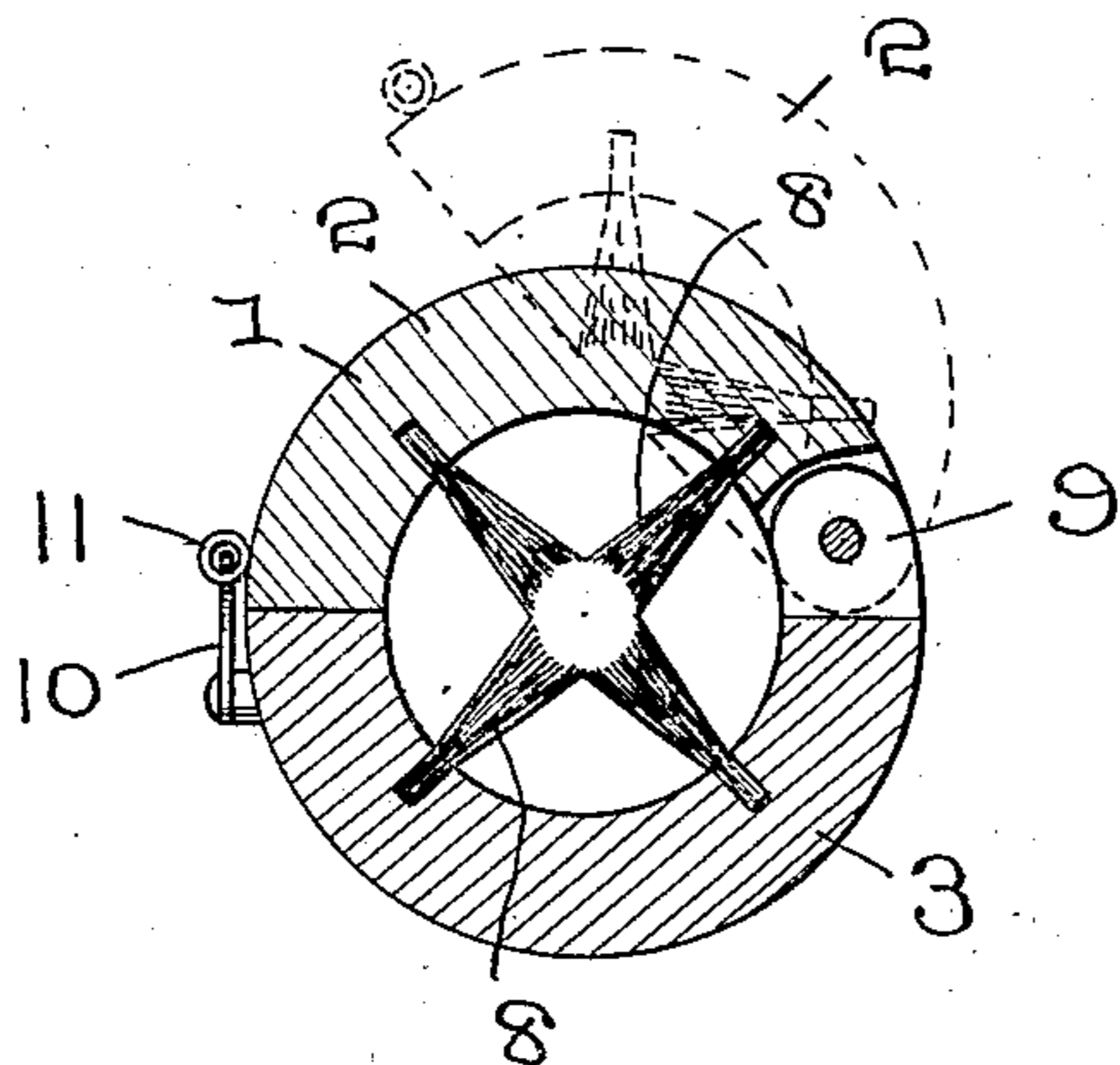


BRUSH,

946,370.

Patented Jan. 11, 1910.



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UNITED STATES PATENT OFFICE.

RUDOLPH M. KERMEL, OF JERSEY CITY, NEW JERSEY.

BRUSH.

946,370.

Specification of Letters Patent.

Patented Jan. 11, 1910.

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To all whom it may concern:

Be it known that I, RUDOLPH M. KERMEL, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Brushes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in brushes and more particularly to that class adapted to be used for cleaning clothes lines, or similar devices, and my object is to provide means for disposing bristles into engagement with the surface of the clothes line, whereby when the line is moved longitudinally around its supporting sheaves or from its housing and the brush held stationary adjacent its sheave or housing, the surface of the line will be thoroughly cleansed.

A further object is to provide a suitable housing for bristles or brush and a further object is to provide means for securing the parts of the housing together.

Other objects and advantages will be hereinafter referred to and more particularly pointed out in the claim.

In the accompanying drawings forming part of this application, Figure 1 is a perspective view of the cleaning device complete. Fig. 2 is a longitudinal central sectional view thereof, and, Fig. 3 is a transverse sectional view thereof, showing the open position of the parts of the housing by dotted lines.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 indicates a housing, which is preferably formed in two sections 2 and 3, said sections being preferably semicircular in cross section, whereby a cylindrical housing will be produced when the sections are secured together, said sections having end walls 4 and 5, respectively, at the axial centers of which are formed recesses 6 and 7, respectively, said recesses when brought together forming openings for the reception of the line (not shown).

Secured within the sections of the housing are bristles 8, which bristles are prefer-

ably placed in bunches or tufts and preferably arranged in rows, the inner ends of said bristles being so placed as to engage the peripheral surface of the lines as it is passed through the housing. In order to conveniently apply the housing to the lines, the two sections 2 and 3 are provided with hinges 9 at one edge thereof, while the opposite edges of the sections are secured together by means of a hook 10, on one of the sections engaging an eye 11 on the opposite section.

In applying the device to use, the hook 10 is disengaged from the eye 11 and the section 2 thrown to the position shown by dotted lines in Fig. 3, when the line is placed between the two sections and seated in the recesses 7, when the section 2 is lowered and secured in position around the line by again introducing the hook into engagement with its eye. After the cleaning brush is so arranged it is held stationary and the line moved lengthwise through the housing, which will result in removing dirt, etc., from the line and presenting a clean surface for the reception of the article placed on the line. The meeting ends of the bristles are preferably curved so as to form a circle when assembled together, thereby completely surrounding the line and as soon as the cleaning operation has been completed, the hook is disengaged from its eye and the cleaning device from the line.

What I claim is:

A device of the character described, comprising a bi-sected cylinder with its parts hinged together and having means for the retention of said parts in closed position, and brushes applied to the interior of the parts of said cylinder, the free ends of the bristles being cut to form a cylindrical opening when said parts are closed, said parts of said cylinder having end members provided with recesses each two of said recesses forming a circular aperture to permit of the passage of a line centrally through said cylinder for the action of said brushes.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

RUDOLPH M. KERMEL.

Witnesses:

FRANK F. REITZ,
EMIL G. SCHNECK.