

No. 862,001.

PATENTED JULY 30, 1907.

T. R. MILLIGAN & W. M. THOM.

MATCH SCRATCHER.

APPLICATION FILED OCT. 15, 1906.

Fig. 1.

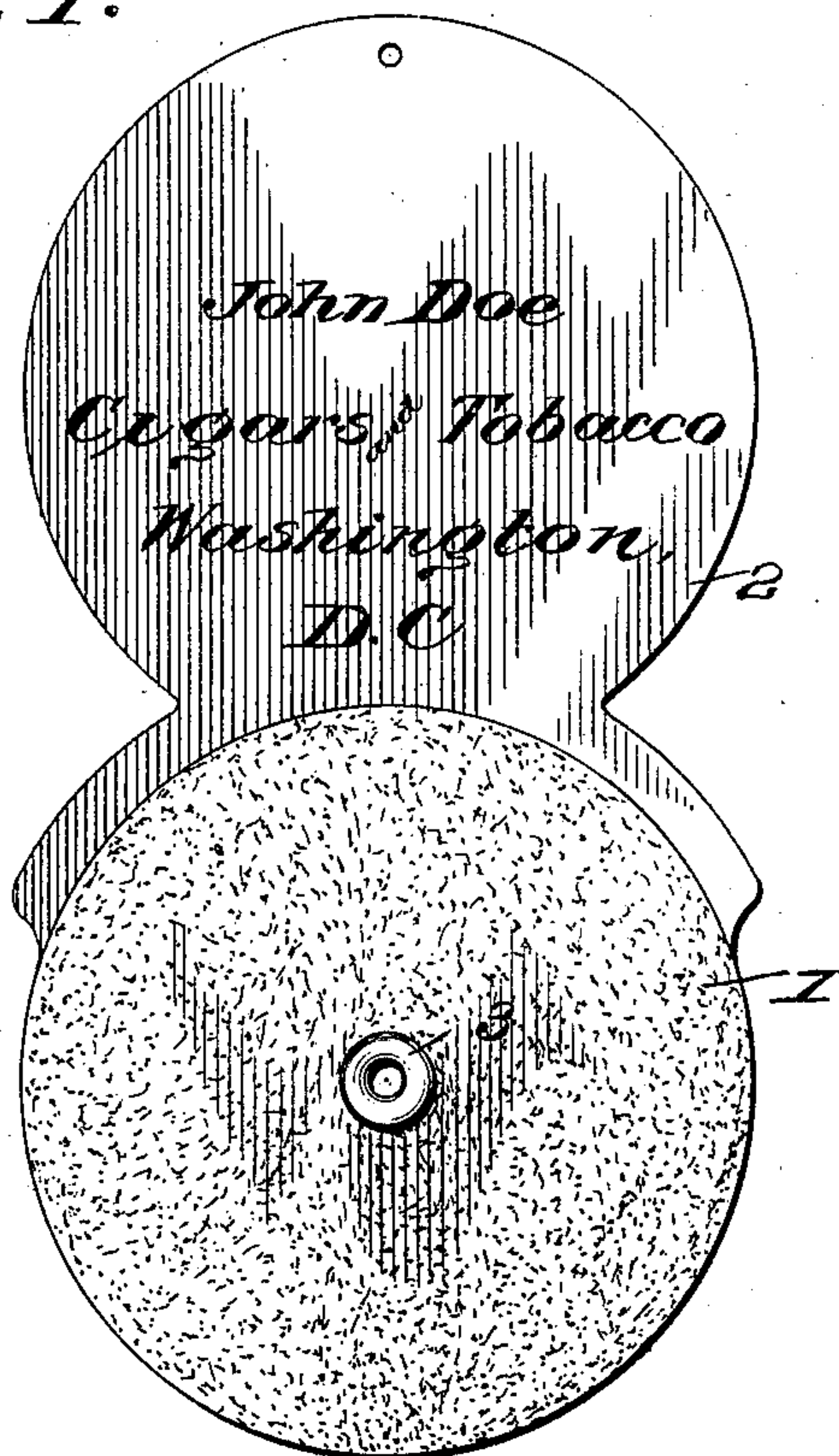
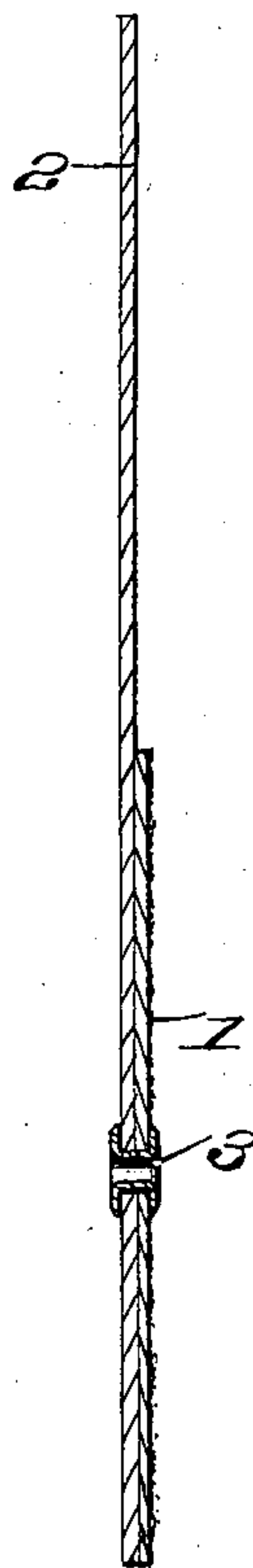


Fig. 2.



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UNITED STATES PATENT OFFICE.

THOMAS R. MILLIGAN AND WILLIAM M. THOM, OF MANCHESTER, NEW HAMPSHIRE.

MATCH-SCRATCHER.

No. 862,001.

Specification of Letters Patent.

Patented July 30, 1907.

Application filed October 15, 1906. Serial No. 339,110.

To all whom it may concern:

Be it known that we, THOMAS R. MILLIGAN and WILLIAM M. THOM, citizens of the United States, residing at Manchester, in the county of Hillsboro and State of New Hampshire, have invented certain new and useful Improvements in Match-Scratchers; and we 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.

Our invention relates to improvements in devices upon which to scratch matches to ignite the same, and it has for its object the production of a device of this character which shall be inexpensive in production, efficient in service and durable in use, and it consists to this end in a rotary disk of sand paper, or other paper having a roughened surface, and so pivoted that when the head of the match is applied thereto the disk is caused to revolve, whereby the marking or marring of the surface is avoided, and the neat appearance of the article is preserved and its usefulness prolonged. In the use of sandpaper as heretofore employed for this purpose, the same has consisted of a strip of such paper in fixed position, so that when the igniting head of the match was applied thereto and drawn thereover the paper is soon discolored and rendered unsightly, due to the streaking of the same in the lighting of the matches thereon.

In the mounting of our improved revolving ignition disk we provide a suitable mounting case, preferably of card board hemispherical in form to the lower portion of which the revolving ignition disk is attached by a suitable pivot. The upper portion of the mounting case is used for the printing thereon of advertising matter, and such upper portion is provided with a perforation whereby the device may be hung up or otherwise secured for use in any convenient place.

In the accompanying drawing illustrating our invention, Figure 1 is a plan view thereof and Fig. 2 a cross section thereof.

Like letters of reference denote similar parts in the several figures.

1 represents a revolving disk revolvably secured on

the lower portion of the back or mounting piece 2 by a suitable eyelet 3. When the head of a match is applied to the roughened surface of the disk 1, the frictional contact causes the disk to revolve a short distance before the head is lighted, which contact does not disfigure the roughened surface of the disk nor mar the same by leaving black streaks thereon, as is the case where the roughened surface is held stationary. It will be noted that the upper surface of the disk supporting base 2 affords a convenient place for advertising matter and one in which such matter readily catches the eye of the person using the device.

It has been found in practice that a slight touch of the head of a match to the revolving disk will cause the ignition of the match, and as the head of the match is not drawn across the roughened surface of the disk, the marking or marring of the surface of the same is avoided, and its appearance is thereby preserved and its usefulness prolonged.

The structure is susceptible of being manufactured at a minimum of cost and, as hereinbefore stated, is one of great utility for the purpose for which it is designed.

While for the purpose of illustrating our invention we have shown the same in its preferred form of embodiment, yet we do not desire to be limited thereto, as the same is susceptible of changes in form and arrangement without departure from the scope of our invention as described herein and defined in the concluding claims.

Having thus described our invention what we desire to secure by Letters Patent is

A device upon which to scratch matches comprising a revolving member adapted to be moved by the frictional contact of the head of a match when applied thereto, consisting of a disk having a roughened face, a back or support therefor and a pivotal connection between such back and disk whereon the disk may be revolved.

In testimony whereof we affix our signatures, in presence of two witnesses.

THOMAS R. MILLIGAN.
WILLIAM M. THOM.

Witnesses:

HARRY W. SPAULDING,
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