

M. OOSDYKE.
SKATE SHARPENER.
APPLICATION FILED SEPT. 6, 1910.

1,006,000.

Patented Oct. 17, 1911.

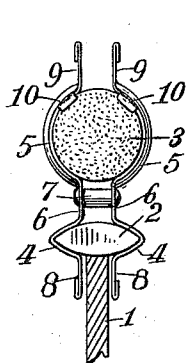


Fig. 2.

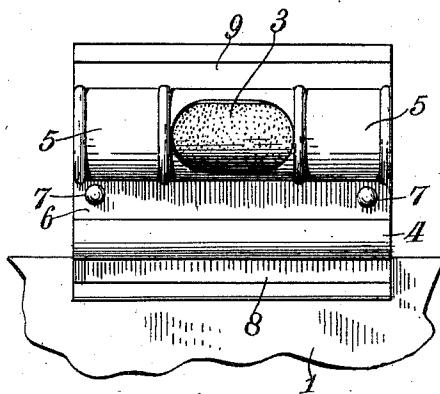


Fig. 1.

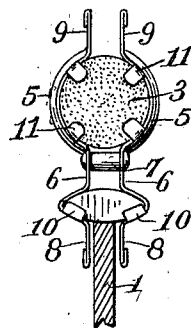


Fig. 3.

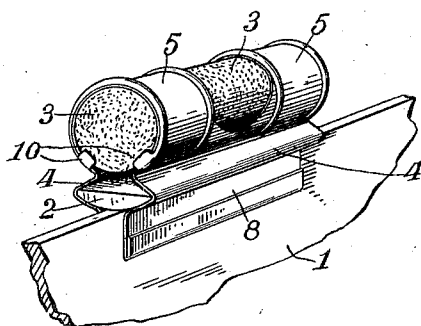


Fig. 5.

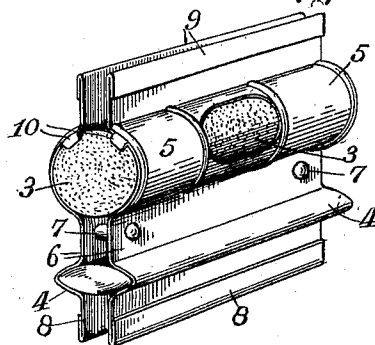


Fig. 4.

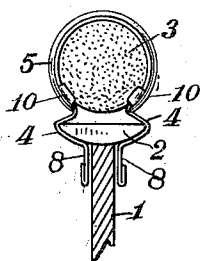


Fig. 7.

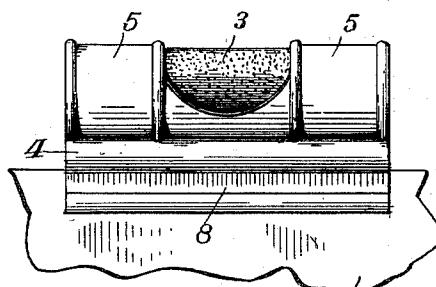


Fig. 6.

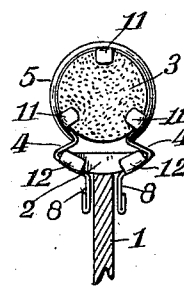


Fig. 8.

Witnesses
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UNITED STATES PATENT OFFICE.

MARINUES OOSDYKE, OF GRAND RAPIDS, MICHIGAN.

SKATE-SHARPENER.

1,006,000.

Specification of Letters Patent.

Patented Oct. 17, 1911.

Application filed September 6, 1910. Serial No. 580,602.

To all whom it may concern:

Be it known that I, MARINUES OOSDYKE, a citizen of the United States of America, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Skate-Sharpener; 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 improvements in skate sharpeners, and its object is to provide a convenient tool holder adapted to be carried in the pocket, to provide a device for holding a file or other cutting tool for roughing out, and also for holding a body of abrasive material having a convex surface for finishing the operation, and to provide the device with various new and useful features as hereinafter more fully described and particularly pointed out in the claims.

My invention consists essentially of a holder for containing a roughing out tool, preferably a small file having a convex surface, and also for holding a cylindrical body of abrasive material having a convex surface, preferably carborundum or emery, and it consists essentially of a clamp or holder preferably of sheet metal, in which these sharpening tools are inserted and detachably held, as will more fully appear by referring to the accompanying drawings in which:

Figure 1 is a side elevation of a device embodying my invention. Fig. 2 an end elevation of the same. Fig. 3 an opposite end elevation of the same. Fig. 4 a perspective of the same. Fig. 5 a perspective of a modified structure. Fig. 6 a side elevation of the same, and, Figs. 7 and 8, elevations of the respective ends of the same.

Like numbers refer to like parts in all of the figures.

1 represents a portion of the runner of a skate the tools for sharpening which my device is adapted to hold, 2 represents a file or other suitable cutting tool having a convex surface, corresponding to the concavity of the skate runner to be sharpened, 3 is a body of abrasive material preferably of carborundum or emery, commonly used for such purposes; this body is preferably cylindrical, and having a surface convex to conform to the concavity of the edge of the skate runner to be sharpened; this body is rotatively adjustable in the holder to bring

various portions of its surface into operation as occasion may require.

In the form shown my device consists of a clamp of sheet metal consisting of two opposing members of corresponding form having longitudinal grooves 4 to receive the opposite edges of a file 2 and concave opposing portions 5 to embrace a body 3.

Extending oppositely from these holding portions, are parallel guide members 8 opposite the file and like guide members 9 opposite the body 3, each pair adapted to slidably embrace the skate runner, extending longitudinally of the said sharpening tools, and exposing portions of the same therebetween as illustrated in the various drawings. Between the holding portions of this clamp, are parallel portions 6 spaced apart and rigidly secured to each other by shouldered rivets 7.

To retain the file 2 and cylinder 3 in place, I provide inwardly projecting lugs 10 and 11 at the ends of the device and make those at one end (as at 10) short enough so that when the guide members are sprung apart the file or cylinder can be removed. These lugs and stops however may be dispensed with and the resilience of the holder relied upon to retain the tools in place therein.

It is sometimes desirable to use a file having a flat surface for jointing or straightening the skate edge, and sometimes desirable to have two different grades of file, or a reversible file. I have shown in Figs. 2 3 and 4 a reversible file, and in Figs. 5 7 and 8 a file having one flat side, the device being adapted to hold either form as preferred. The form shown in Figs. 1 to 4 is preferable in that the file need not be removed to use the abrasive body and the form shown in the other figures is preferable in that it is more compact and convenient to carry in the pocket.

What I claim is:

1. A tool holder for a skate sharpener, comprising a clamp of sheet metal adapted to yieldably embrace a file and a cylindrical body of abrasive material, and guide members on the clamp spaced apart and adapted to slidably embrace a skate runner.

2. A tool holder for a skate sharpener, comprising a clamp formed of sheet metal in two separate parts adapted to oppositely engage a file and a cylindrical body of abrasive material, a pair of guide members at opposite sides of the same spaced apart

and adapted to slidably embrace a skate runner, and means for securing the said parts to each other.

3. A tool holder for a skate sharpener,
5 comprising a clamp of resilient material to hold sharpening tools, said clamp being open at the ends and along one side, guide members at the respective sides of the side opening spaced apart to slidably embrace

a skate runner, and integral inwardly turned 10 stops on the ends of the clamp to detachably hold the tools in place therein.

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

MARINUES OOSDYKE.

Witnesses:

LUTHER V. MOULTON,

HAROLD O. VAN ANTWERP.

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