

L. CHAILLE.
LAWN MOWER SHARPENER.
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978,356.

Patented Dec. 13, 1910.

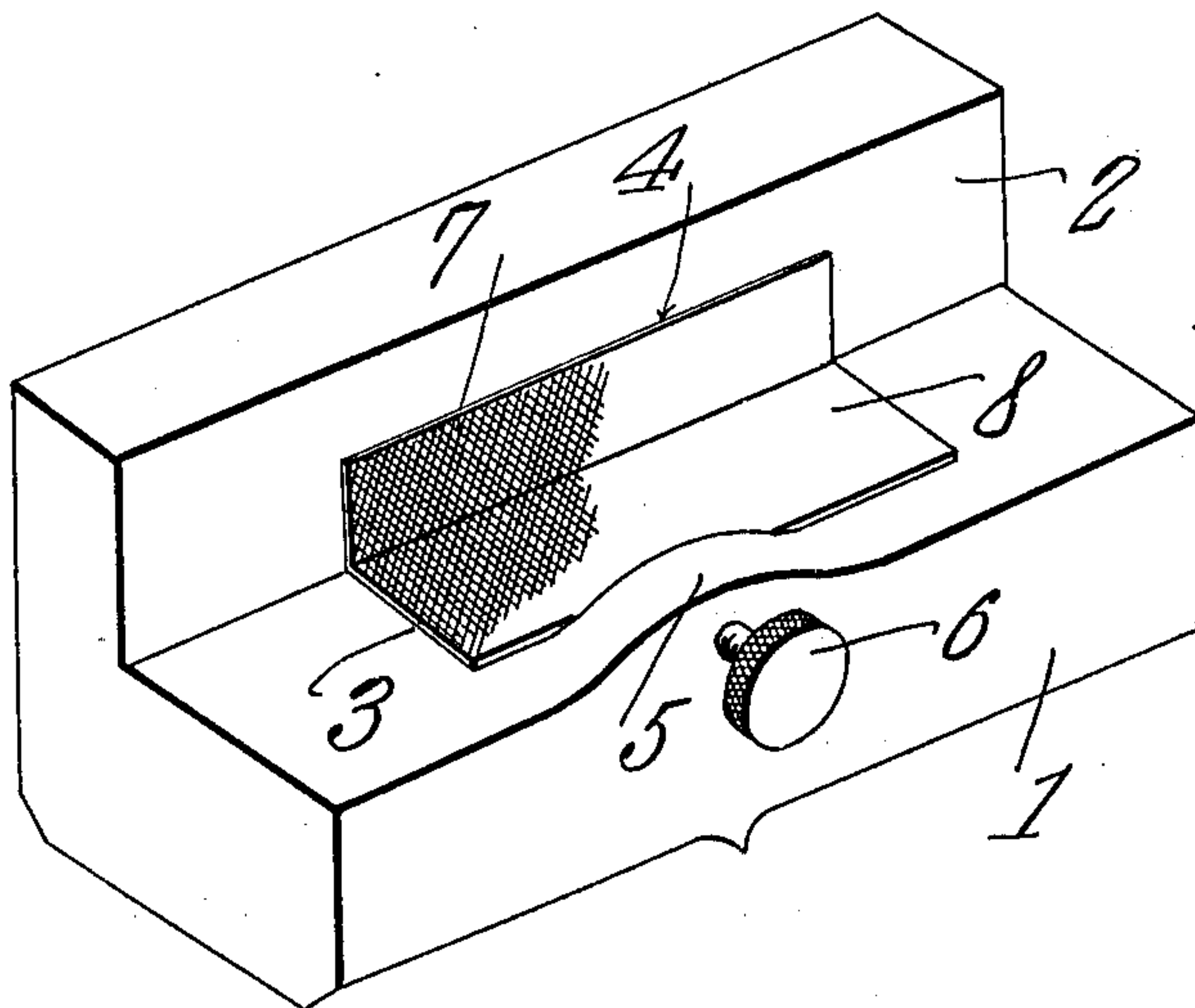


Fig. 1.

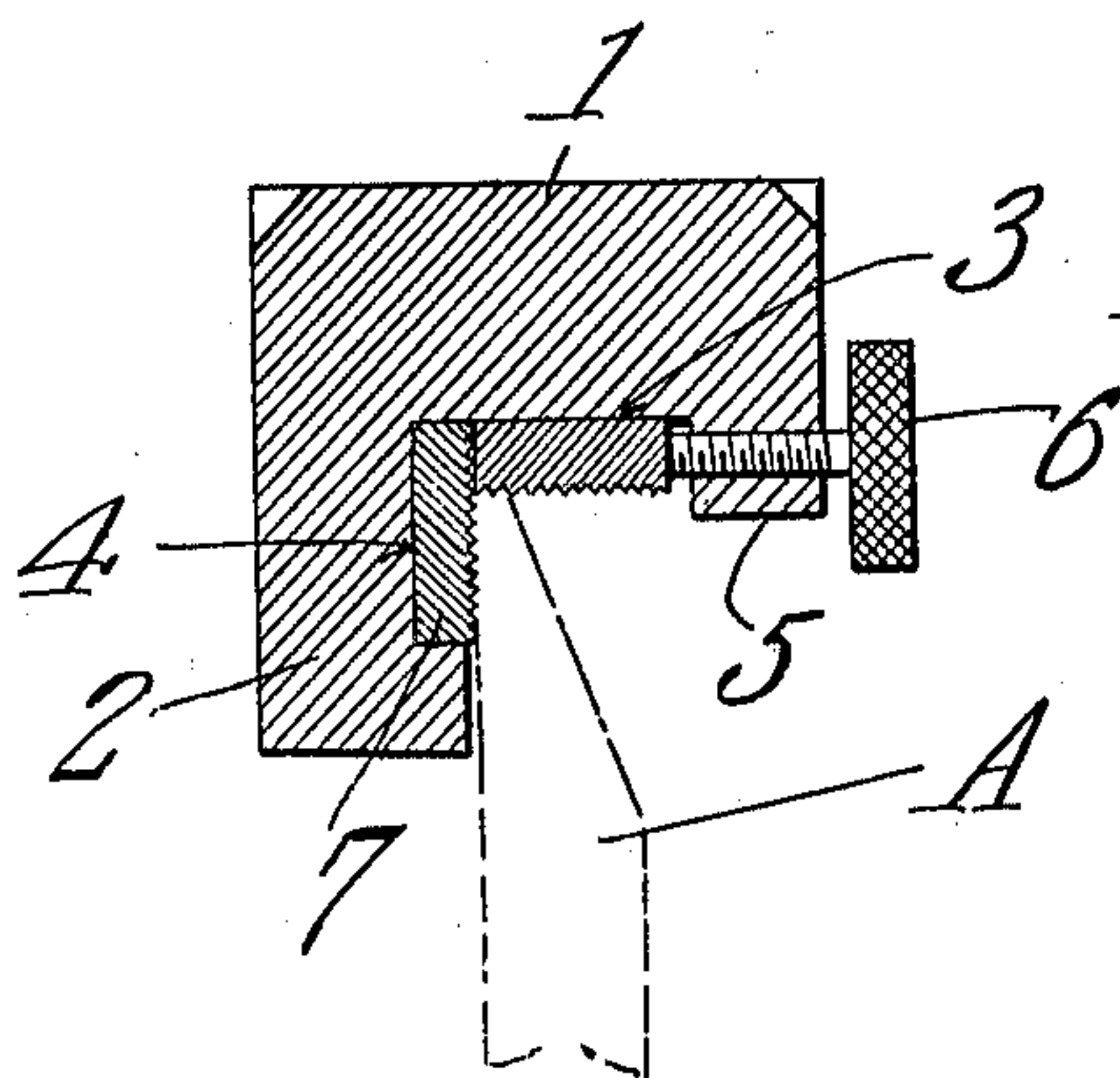


Fig. 2.

Witnesses
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LEE CHAILLE, OF BUTLERVILLE, INDIANA.

LAWN-MOWER SHARPENER.

978,356.

Specification of Letters Patent.

Patented Dec. 13, 1910.

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To all whom it may concern:

Be it known that I, LEE CHAILLE, a citizen of the United States, residing at Butlerville, in the county of Jennings and State of Indiana, have invented a new and useful Lawn-Mower Sharpener, of which the following is a specification.

This invention relates to sharpeners for lawn mower blades and its object is to provide a simple and inexpensive device of this character which can be readily manipulated, and which constitutes means for quickly and efficiently sharpening devices of the class mentioned.

Another object is to provide a sharpener formed of few parts, the sharpening elements of which can be readily assembled or removed.

With these and other objects in view, the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claim.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings, Figure 1 is a perspective view of the sharpener embodying the present improvements. Fig. 2 is a central transverse section therethrough, the position of a blade with relation thereto being indicated by dotted lines.

Referring to the figures by characters of reference, 1 designates a block having a flange 2, formed along one edge thereof, there being a rectangular recess 3 in one face of the block 1 and extending into a corresponding recess 4 formed in the adjoining face of the flange 2. An ear 5 is formed on the block 1 at that side of recess 3 farthest removed from the flange 1, and a set screw 6 is mounted within this ear and projects into the recess 3. A sharpening block 7 preferably made up of a file or any hard metal having an abrading surface, is fitted snugly within the recess 4, and another sharpening block 8 which is similar to the block 7, is removably mounted within the recess 3, this block 8 being engaged by the set screw 6 which serves to bind it against the block 7 and thus hold both of the blocks 7 and 8 within their recesses. The abrading faces of the two blocks extend beyond the corresponding surfaces of the block 1 and flange 2 as clearly indicated in Fig. 1. The

longitudinal edges of the block and flange are preferably chamfered so that the same can be readily grasped without causing discomfort to the user.

In using the device herein described a sharpening block 7 is placed within the recess 4 and another sharpening block 8 is then placed within the recess 3, after which the two blocks are clamped together and against the inner wall of the recess 4 by the set screw 6. The entire device is then inverted, the exposed portion of the working face of block 7 is placed against one face of the blade A to be sharpened, while the working face of the block 8 is brought into contact with the edge of the blade. By sliding the device throughout the length of the blade, the said blade can be quickly sharpened.

The device herein described can be readily manipulated and constitutes a simple means for effectually sharpening lawn mower blades and the like. Importance is attached to the fact that either or both of the sharpening blocks can be readily removed and that only a single fastening device is necessary for the purpose of holding both of the blocks in place.

What is claimed is;—

A device of the class described including a block having a flange perpendicular thereto, there being a recess in the block and a recess in the flange, said recesses communicating, an abrading block fitting snugly within the recess in the flange and having one face parallel with and disposed beyond the recessed face of the flange, an abrading block detachably seated within the recessed block and having its sharpening surface parallel with and elevated above the recessed block, said sharpening or abrading block abutting against the block within the flange to hold it against displacement, and means adjustably mounted within the recessed block for clamping the abrading blocks together to hold them within their recesses.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

LEE CHAILLE.

Witnesses:

JESSE CHAILLE,
JOHN W. BROGAN.