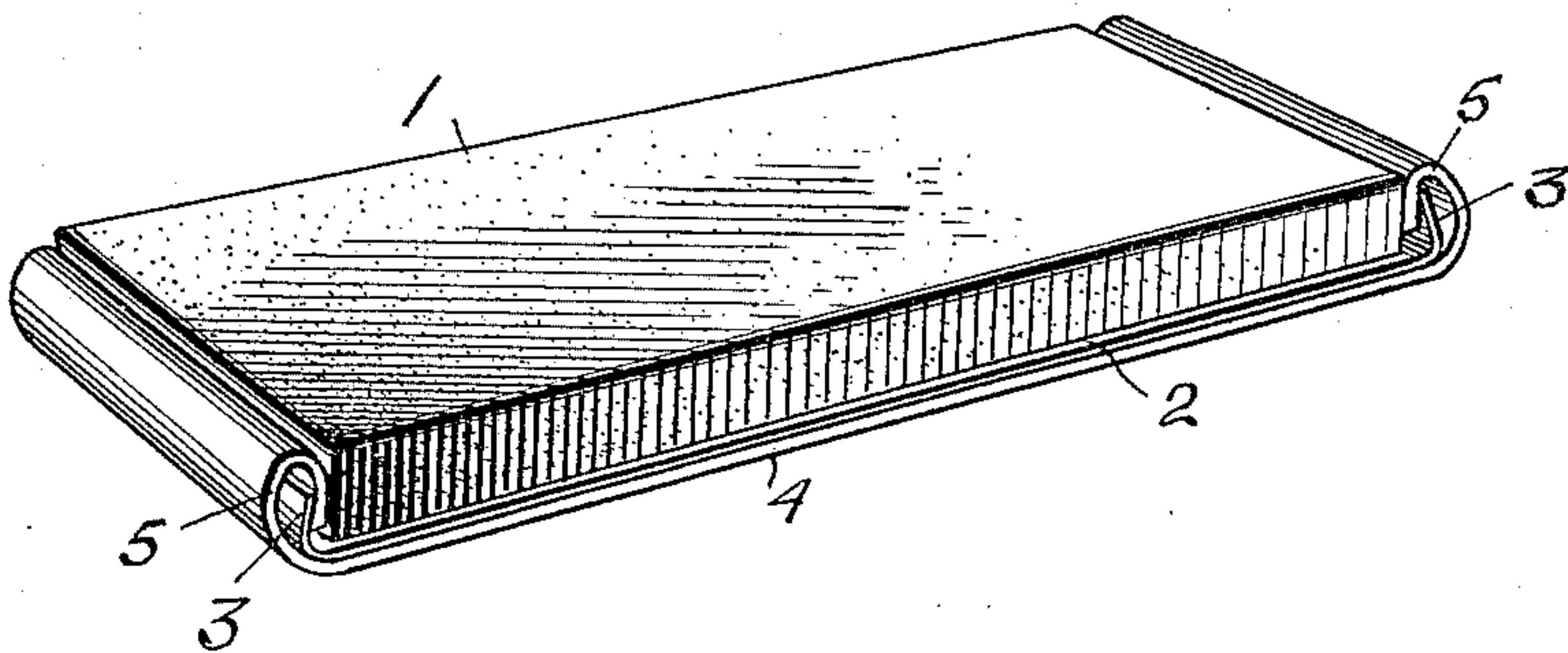


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SHARPENING DEVICE.  
APPLICATION FILED MAR. 23, 1911.

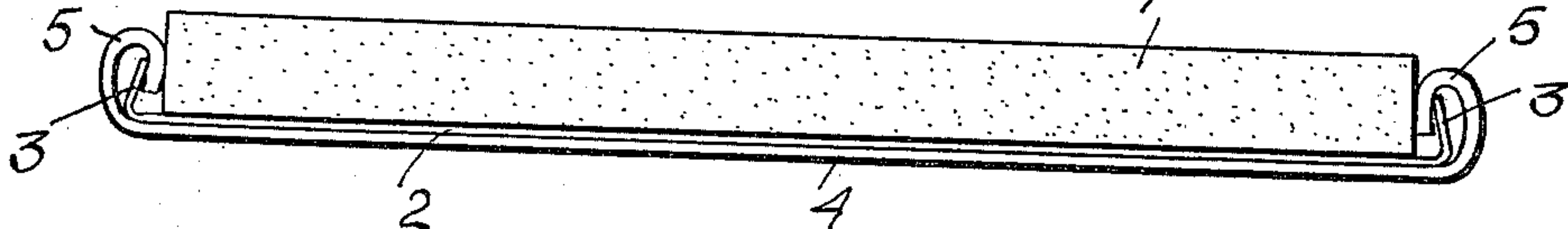
997,865.

Patented July 11, 1911.

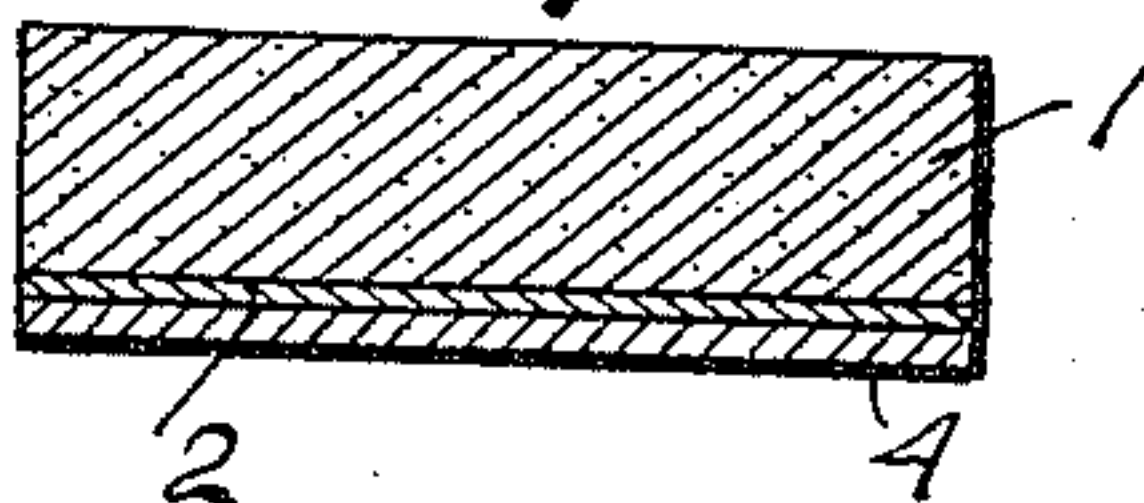
*Fig. 1.*



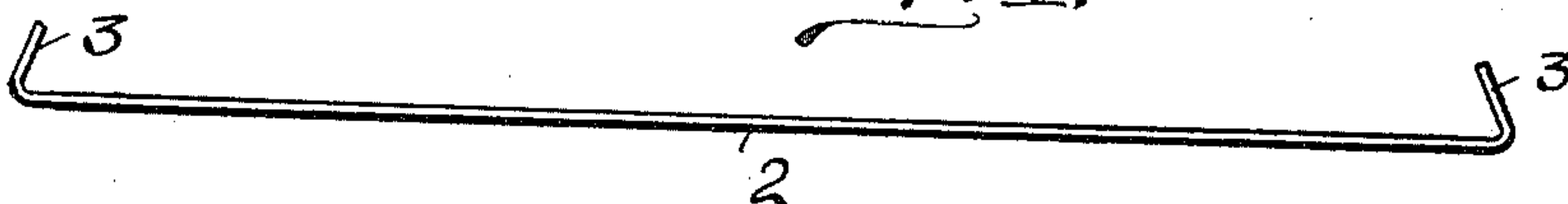
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses

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By

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Inventor

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# UNITED STATES PATENT OFFICE.

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## SHARPENING DEVICE.

997,865.

Specification of Letters Patent.

Patented July 11, 1911.

Application filed March 23, 1911. Serial No. 616,507.

*To all whom it may concern:*

Be it known that I, HERBERT E. SMITH, a citizen of the United States, residing at Haverhill, (Pike,) in the county of Grafton, State of New Hampshire, have invented certain new and useful Improvements in Sharpening Devices, of which the following is a description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to sharpening devices for use in sharpening razors, knives and other edged tools and has for its object to provide a combined hone and strop adapted for convenient use.

With this object in view my invention consists in the construction and combination of elements hereinafter described and claimed.

Referring to the drawings: Figure 1 is a perspective view of a combined hone and strop embodying my invention; Fig. 2 is a side view of the device; Fig. 3 is a cross sectional view of the device, and Fig. 4 is a side view of the metal strip which holds the hone and strop together.

In the drawings, 1 indicates a hone adapted for sharpening edged tools. This may be of any usual material, either natural or artificial, adapted to cut away the steel of an edged tool rubbed upon it. This hone is preferably of fine grained material adapted for use in sharpening razors or other edged tools which are required to have a fine edge, and is in the form of a flat stone oblong in shape and having its upper and lower faces parallel.

2 indicates a strip of metal somewhat longer than the hone 1 and having its ends 3 bent upward and inward to form projections of somewhat less length than the thickness of the hone. The distance between the upper ends of these upturned ends 3 is only slightly greater than the length of the hone.

4 indicates a strip of leather or other flexible material adapted to serve as a strop for finishing the edge of a razor or other fine edged tool. This strop is of substan-

tially the same width as the hone and is sufficiently longer than the hone to enable its ends 5 to be bent over the upturned ends 3 of the metal strip 2 as shown so as to be engaged and held between these upturned ends and the ends of the hone.

The metal strip 2 is formed of comparatively stiff sheet metal of sufficient elasticity to yield at its ends 3 slightly and at the same time to hold the ends 5 of the strop firmly against the ends of the hone.

In assembling the parts of the device the metal strip 2 is placed on the strop 4 and the ends of the strop are bent upward over the upturned ends 3 and against their inner faces. The hone 1 is then pressed downward between the upturned ends 3 pressing the ends 5 of the strop against them and thus holding the strop in position. The hone may be readily removed when desired and may be reversed or turned over when one face becomes worn. The strop may also be reversed if desired.

In use the razor, pocket knife or other edged tool to be sharpened will first be rubbed on the hone, water or oil being preferably used to float the particles of steel and prevent them from clogging the surface of the stone, and the device will then be turned over and the edged tool finished on the strop.

Having thus described my invention, what I claim is:

A sharpening device for edged tools comprising a sharpening stone, a metal strip extending along one face of the stone having its ends bent upward to embrace the ends of the stone and a strip of non-metallic material adapted to serve as a strop lying against the outer face of the metal strip and having its ends clamped between the ends of the stone and the upturned ends of the metal strip.

This specification signed and witnessed this 20th day of March A. D. 1911.

HERBERT ELDREDGE SMITH.

In the presence of—

E. B. HARRIS,

F. C. DICKERMAN.