

No. 801,768.

PATENTED OCT. 10, 1905.

M. COLE.

HONE.

APPLICATION FILED OCT. 26, 1903.

Fig. 1.

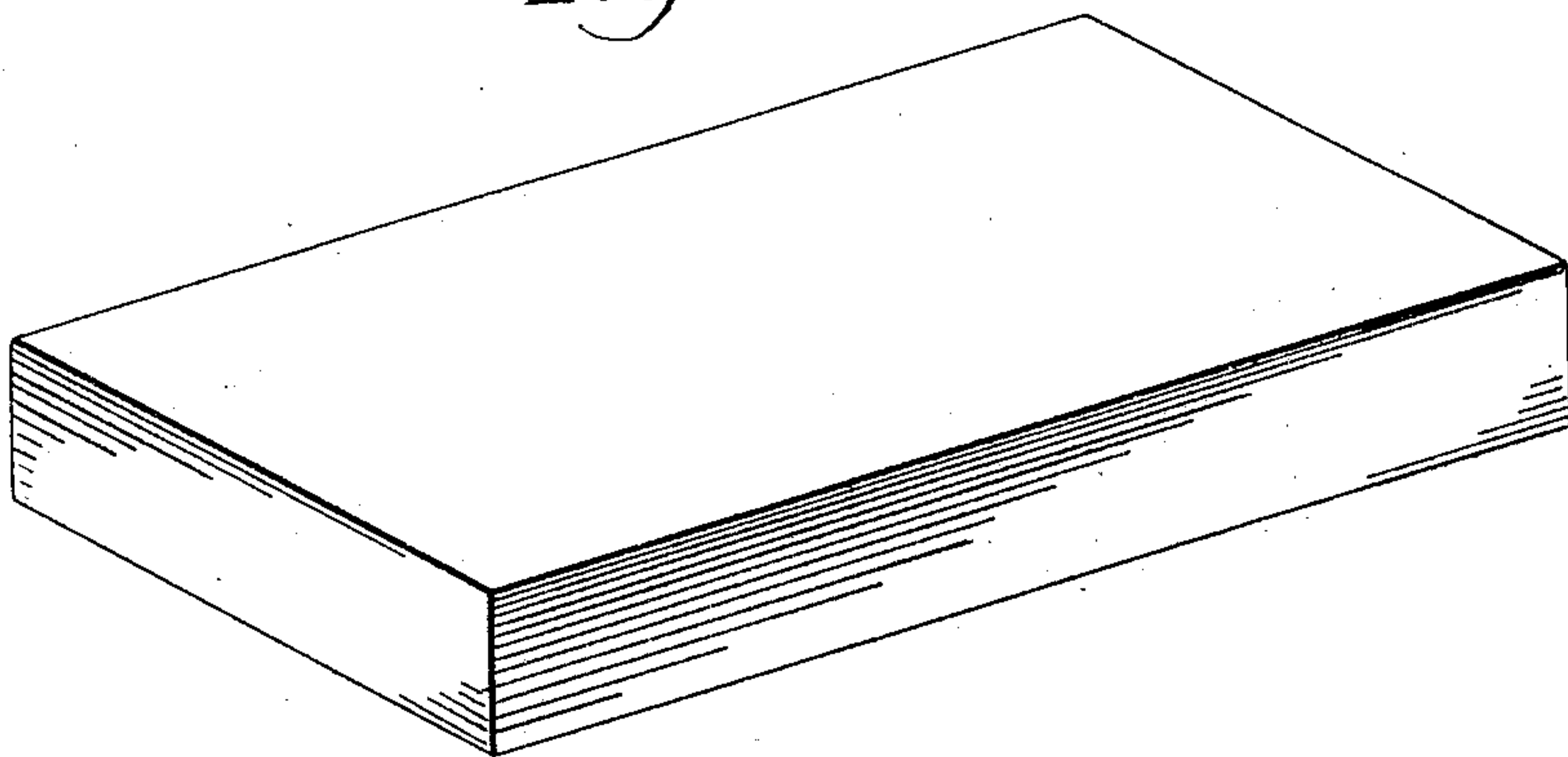


Fig. 3.

Aluminum.

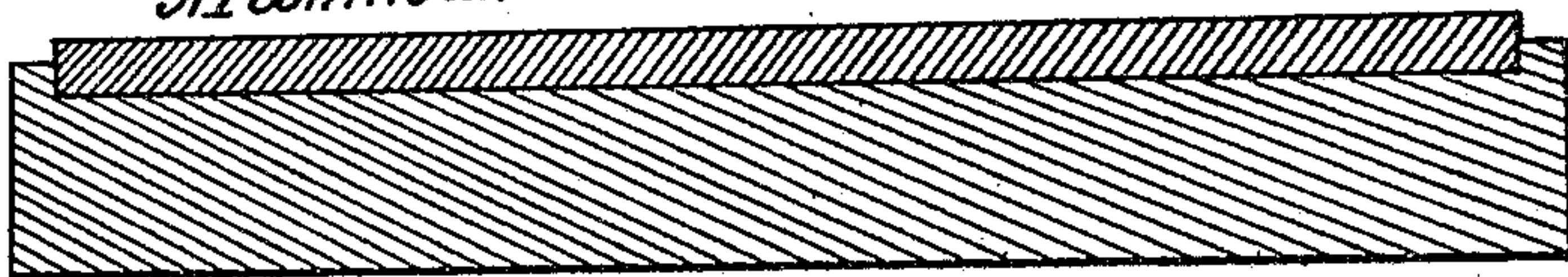
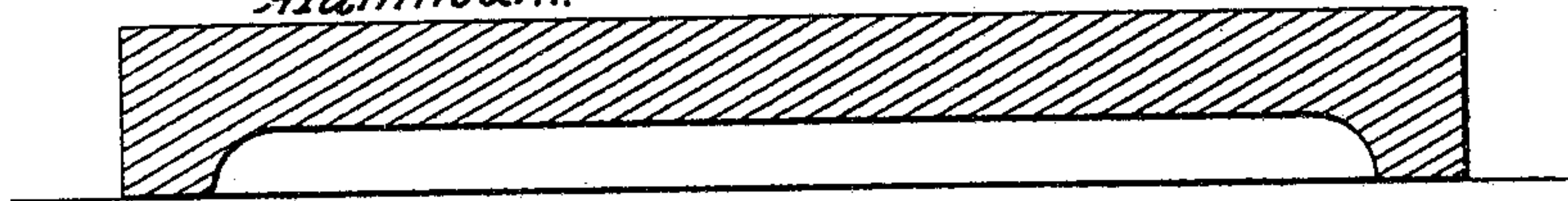


Fig. 2.

Aluminum.



Witnesses:-

Hamilton D. Turner

Frank L. A. Graham

Inventor;
Milton Cole,
by his Attorneys,

Howson & Howson

UNITED STATES PATENT OFFICE.

MILTON COLE, OF PHILADELPHIA, PENNSYLVANIA.

HONE.

No. 801,768.

Specification of Letters Patent.

Patented Oct. 10, 1905.

Application filed October 26, 1903. Serial No. 178,558.

To all whom it may concern:

Be it known that I, MILTON COLE, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improve-
5 ments in Hones, of which the following is a specification.

The object of my invention is to provide an effective substitute for an ordinary hone or whetstone, an object which I attain in the
10 manner hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved hone; Fig. 2, a longitudinal section of the same, and Fig. 3 is a similar view illus-
15 trating a modification of the invention.

The ordinary hone, composed of natural stone, is objectionable because it is breakable and is not always of uniform texture through-
20 out, the best of the natural hones being quite expensive.

I have discovered that aluminium possesses qualities which render it available as a cheap and effective substitute for the usual natural
25 hone, the metal being of close grain and uniform texture and being also better than the

natural stone in the respects that it imparts a sharper and more lasting cutting edge than such natural stone and is practically unbreakable.

In preparing the metal for use as a hone I 30 prefer to cast it in the form of a block, such as shown in the drawings, which can be used without special mounting, although in carrying out my invention I may use a lighter strip of aluminium mounted in a suitable holder, so 35 as to present an unobstructed face for action upon the razor or other blade to be sharpened.

In the use of the hone water is used as a lubricant. (See Fig. 3.)

Having thus described my invention, I claim 40 and desire to secure by Letters Patent—

An implement having an aluminium surface for sharpening edge tools.

In testimony whereof I have signed my name to this specification in the presence of two sub- 45 scribing witnesses.

MILTON COLE.

Witnesses:

F. E. BECHTOLD,
JOS. H. KLEIN.