

(No Model.)

O. L. NOBLE.

TOOL FOR TRIMMING HEELS.

No. 399,625.

Patented Mar. 12, 1889.

Fig. 1.

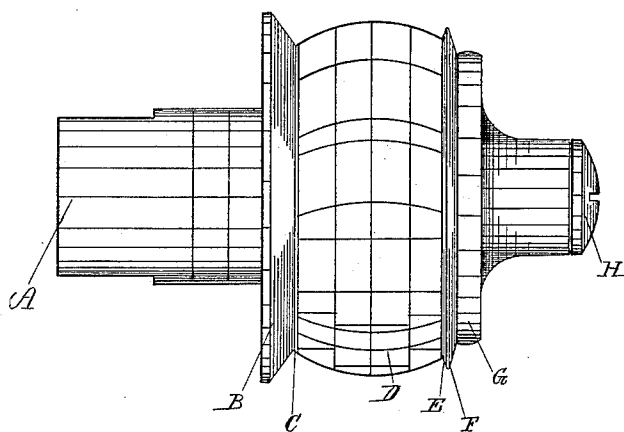
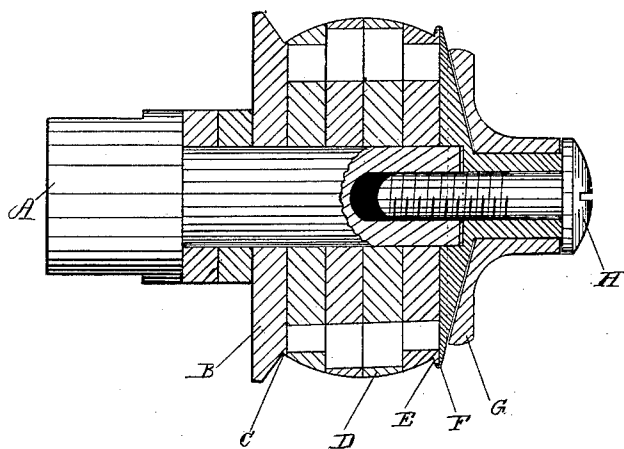


Fig. 2.



Witnesses.

Lairitz W. Möller,
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Inventor.

Oscar L. Noble,
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Atty

UNITED STATES PATENT OFFICE.

OSCAR L. NOBLE, OF BOSTON, MASSACHUSETTS.

TOOL FOR TRIMMING HEELS.

SPECIFICATION forming part of Letters Patent No. 399,625, dated March 12, 1889.

Application filed March 13, 1886. Serial No. 195,165. (No model.)

To all whom it may concern:

Be it known that I, OSCAR L. NOBLE, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved
5 Tool for Heel-Trimming, of which the following is a specification, reference being had to the accompanying drawings, making a part hereof, in which—

10 Figure 1 is a side elevation, and Fig. 2 a lengthwise section, of one of my tools.

A represents the shaft of the heel-trimming machine; B, the tread-rest, C representing the angle to receive the corner of the top lift; D, the cutter; E, the rand-lip of the cutter; F,
15 the rand-guide; G, the counter-guard, and H the clamp-screw.

My invention consists in the combination of the counter-guard G and the rand-guide F with cutter D, the guard G limiting the
20 depth of cut of that part of cutter D which trims the rand and heel seat of the heel.

In practice I prefer to make the rand-guide

F and guard G separate, as thereby I am enabled to utilize the sleeve of part F as a journal for the part G, in order that the part G 25 may remain at rest when in contact with the counter of the shoe; but for some kinds of work it is just as well to make F and G of one piece of metal.

I am aware of Beane's patent, No. 43,082, 30 dated June 11, 1864, and disclaim all that is shown in it.

What I claim as my invention is—

In a heel-trimming tool, the counter-guard G and rand-guide F, in combination with the 35 cutter D, the counter-guard and the rand-guide being in separate pieces and the counter-guard being loosely mounted on its journal, substantially as and for the purpose set forth.

OSCAR L. NOBLE.

Witnesses:

EDWARD S. BEACH,
JOHN R. SNOW.