

DAVID S. NEAL.

Improvement in Knife Scourers.

No. 115,885.

Patented June 13, 1871.

Fig. 1.

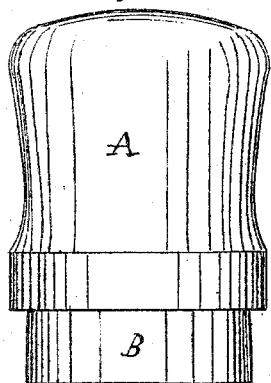


Fig. 2.

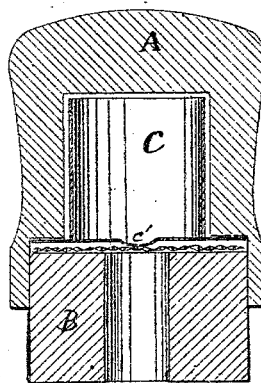


Fig. 3.

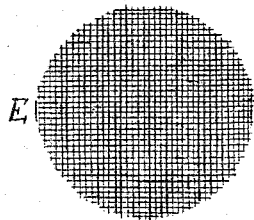


Fig. 4.

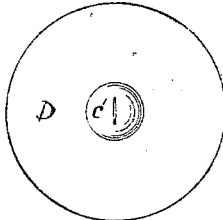
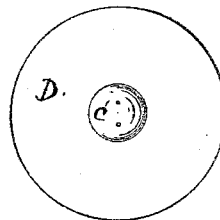


Fig. 5.



Witnesses:
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DAVID S. NEAL, OF LYNN, MASSACHUSETTS.

IMPROVEMENT IN KNIFE-SCOURERS.

Specification forming part of Letters Patent No. 115,885, dated June 13, 1871.

To all whom it may concern:

Be it known that I, DAVID S. NEAL, of Lynn, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Knife-Scourers; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

My invention consists of the combination of a cork or other scouring surface with a perforated plate or feed-gage, and a wooden cap provided with a sand-chamber; second, in a piece of gauze or its equivalent for regulating the flow of sand through the feed-holes or perforated plate; third, in a depression or cup in the perforated plate.

In the accompanying drawing, Figure 1 is a side view of my improved knife-scourer. Fig. 2 is a vertical section of the same. Fig. 3 is a view of a piece of gauze for regulating the flow of sand. Figs. 4 and 5 represent two different disks, one with round holes and the other with a slot, for the passage of sand.

In the manufacture of my improved knife-scourer the wooden cap A is turned in a lathe

and two cavities or chambers made therein, one at the mouth to receive the cork or rubber B, and the other for receiving sand above the cork. A perforated plate, D, is placed above the cork, and this plate may be provided with a cup, C, for containing the sand, and a depression, *c'*. Between the plate D and the cork B may be inserted a piece of gauze, E, Fig. 3, for regulating the flow of sand from the cup or chamber C of the scourer.

I do not broadly claim a sand-chamber with perforated bottom in combination with a perforated cork; but I believe that the above-described knife-scourer is a new and useful improvement.

Having described my invention, I claim—

The above-described combination of wooden cap A with the loose plate D and gauze E, or a perforated sifter, and the cork B, all constructed and arranged substantially as set forth.

DAVID S. NEAL.

Witnesses:

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