No. 821,525. PATENTED MAY 22, 1906.

A. O. NORDQUIST.

FLOOR SCRAPER.

APPLICATION FILED JULY 19, 1905.

Fig. 1.

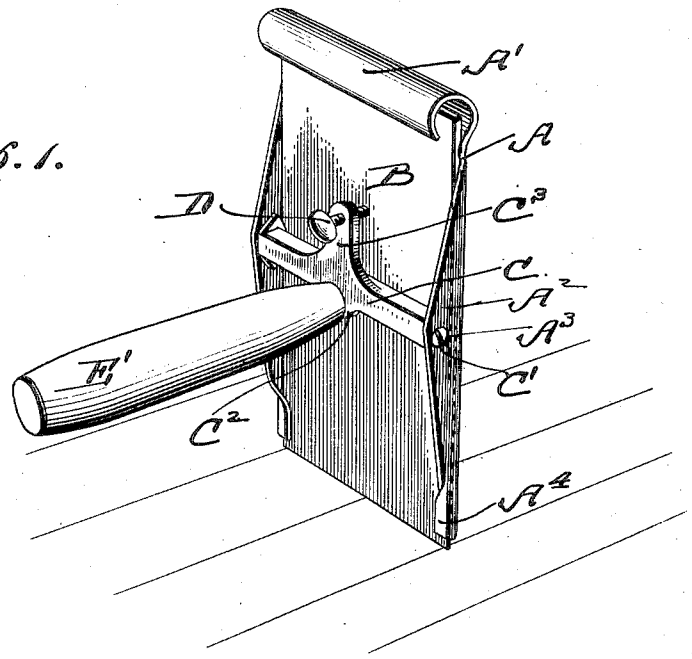
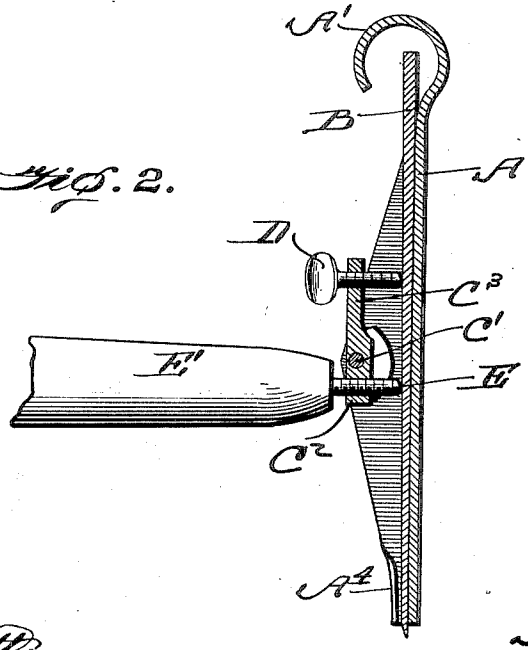


Fig. 2.



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ANDREW O. NORDQUIST, OF MINNEAPOLIS, MINNESOTA.

FLOOR-SCRAPER.

No. 821,525. Specification of Letters Patent. Patented May 22, 1906.

Application filed July 19, 1905. Serial No. 270,371.

To all whom it may concern:

Be it known that I, ANDREW O. NORDQUIST, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented a new and useful Floor-Scraper, of which the following is a specification.

My invention relates to certain new and useful improvements in scrapers, and has for its object to provide a scraper that is very simple and cheap in construction and one that can be easily and quickly adjusted.

Another object of my invention is to provide a scraper especially adapted to be used on floors and one that is provided with a detachable handle forming a part of the adjusting means.

With these objects in view the invention consists of the novel features of construction and combination of parts hereinafter described, and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a prespective view of the scraper, and Fig. 2 is a vertical section.

Referring to the drawings, A indicates a flat plate forming the body of my device, having one end bent semicylindrically, forming a guard A′, and its sides A^2 being bent upwardly and perforated at A^3 for the purpose hereinafter described. The sides adjacent the other end are bent inwardly and downwardly, forming guideways A^4, forming the bit B, adapted to slide on the plate between the sides, the upper edge of which projects under the guard A′.

Pivoted between the sides A^2 on screws C′, passing through the perforations A^3, is a bar C, provided with a screw-threaded lug C^2 at one side and a screw-threaded arm C^3, extending from the other side, carrying a thumb-screw D, adapted to engage the bit when in place and by means of which the scraper can be adjusted to different angles, as may be desired.

Extending through the lug C^2 on the bar C is a screw-threaded rod E, carrying a handle E′ at the other end and by means of which the rod E can be brought into engagement with the bit and securely lock it in place.

From the foregoing description it will be seen that I provide a scraper so constructed that the handle is pivotally secured to the scraper, so that it can be adjusted to assume different angles in relation to the bit.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A scraper, comprising a body-plate, a bar pivotally mounted on said plate, a handle detachably secured in said bar, and adjusting-screws carried by said bar, for the purpose described.

2. A scraper comprising a body-plate, provided with a guard at one end, sides projecting upwardly from said plate, a bar pivoted between said sides, a bit arranged on said plate between the sides, and a handle secured in said bar, adapted to engage the bit, for the purpose described.

3. A scraper comprising a body-plate, provided with a guard at one end, sides projecting upwardly from said plate, guideways formed at the other end of the plate, a bit sliding in said guideways, a bar pivoted between said sides provided with an adjusting-screw and a handle detachably carried by said bar, for the purpose described.

4. In a device of the kind described, the combination with a body-plate provided with sides, of a bar pivoted between said sides, guideways formed at one end of the plate, and a guard at the other, a bit sliding in said guideways and guard, and means carried by the bar, for securing said bit in the guideways.

5. In a device of the kind described, the combination with a body-plate, provided with upwardly-projecting sides, guideways formed by bending the sides downwardly adjacent one end, a guard formed at the other end, of the plate, a bit working in said guideways, and extending up in the guard, of a bar pivoted between said sides, a handle passing through said bar adapted to engage the bit, and an adjusting-screw carried by the bar, for the purpose described.

ANDREW O. NORDQUIST.

Witnesses:

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