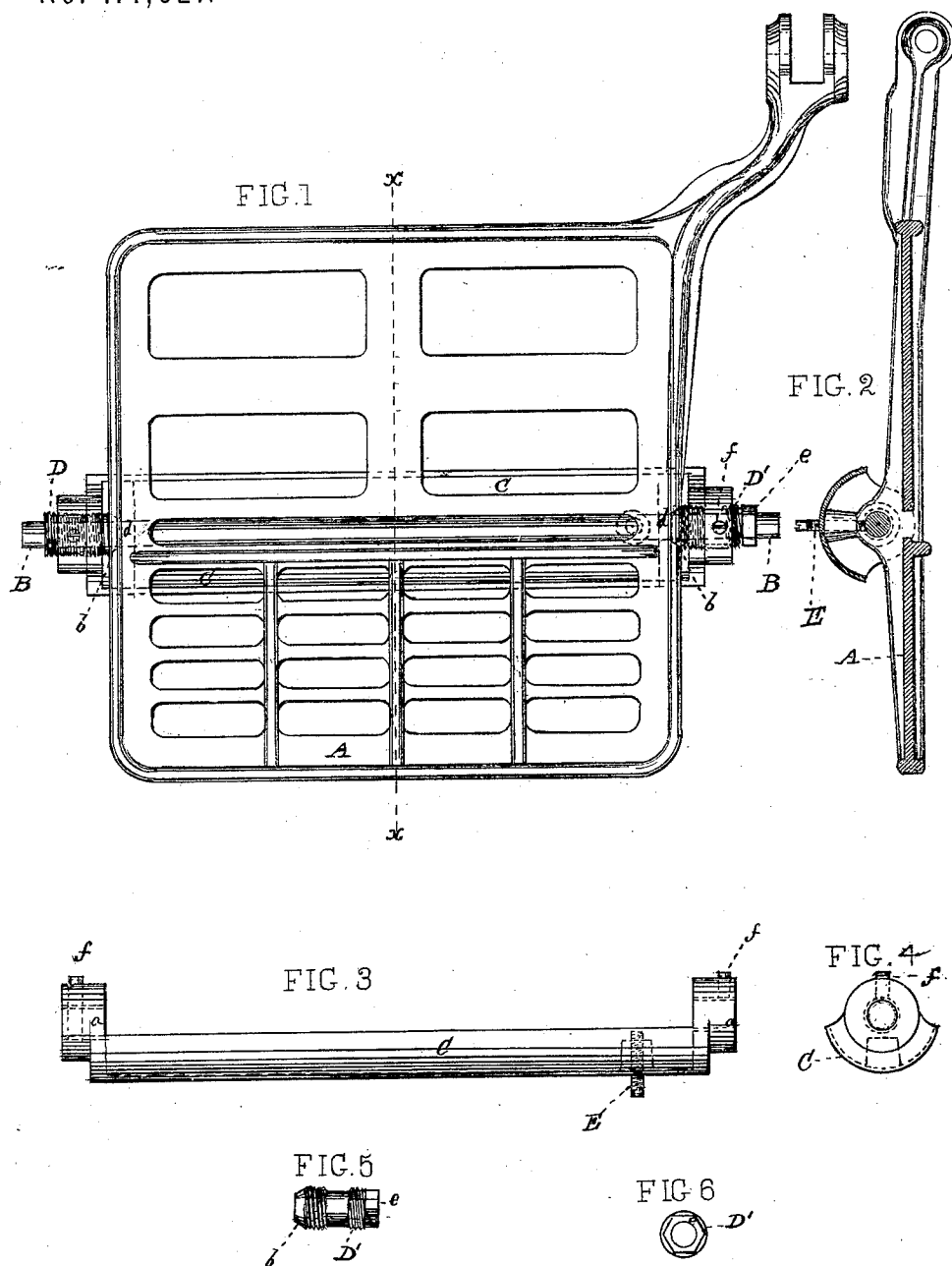


N. D. STOOPS.

Improvement in Treadle-Bearings and Oil-Shields.

No. 114,621.

Patented May 9, 1871.



WITNESSES  
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# United States Patent Office.

NESBITT D. STOOPS, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 114,621, dated May 9, 1871.

## IMPROVEMENT IN TREADLE-BEARINGS AND OIL-SHIELDS.

The Schedule referred to in these Letters Patent and making part of the same.

I, NESBITT D. STOOPS, of the city of Philadelphia and State of Pennsylvania, have invented a Combined Oil-Shield and Treadle-Bearing, of which the following is a specification.

The nature of my invention, in the first place, consists of a shield, in the form of a trough, arranged below the fulcrum of the treadle in such a manner as to receive the drippings from the bearings, to prevent the soiling of the carpet or floor.

In the second place it consists in the combination of adjustable conical plugs with permanent bearings of the treadle and with the fulcrum-rod in such a manner as to compensate for the end bearing of the bearings, as hereinafter described.

In the accompanying drawing which makes a part of this specification—

Figure 1 is a top view of the treadle A, shield C, fulcrum-rod B, and adjustable screw-plugs D and D', in connection.

Figure 2 is a cross-section at the line *xx* of fig. 1.

Figures 3 and 4 are edge and end views of the shield A.

Figures 5 and 6 are side and end views of the screw-plug D.

Like letters in all the figures indicate the same parts.

A is an ordinary treadle, and

B the fulcrum-rod.

C is a shield, which is arranged beneath said rod to catch the drippings as they fall from the bearings.

The shield is provided with bosses *a a* on its ends, which have adjustable screw-plugs D and D', the inner ends of which have conical bearings *b*, that fit in cor-

responding parts of the bearings *dd* of the treadle, as seen in fig. 1.

The said plugs D and D' are centrally arranged on the fulcrum-rod B, and have a screw-connection with the bosses *a a* of the shield.

The plug D' is adjustable to take up the end wear of the bearings, and has a nut, *e*, on its outer end to receive a wrench. It is reduced in its middle part as low as the base of the screw-threads, as seen clearly in fig. 5, to admit of its being made perfectly fast, after its adjustment, by means of the confining-screw *f*.

The plug D is held securely in position by means of the screw *f'* passing through it into the fulcrum-rod B.

E is a screw for confining the shield in its adjusted position to the fulcrum-rod B.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The shield or dripping-trough C, in combination with the treadle A and fulcrum-rod B, arranged and operating substantially in the manner and for the purpose above set forth.

2. The combination and arrangement of the conical plugs D and D' with the shield C, treadle A, and fulcrum-rod B, substantially as described and for the purpose set forth.

In testimony that the above is my invention I have hereunto set my hand and affixed my seal this 11th day of April, 1871.

NESBITT D. STOOPS. [L. s.]

Witnesses:

THOMAS J. BEWLEY,  
A. S. REUBEN.