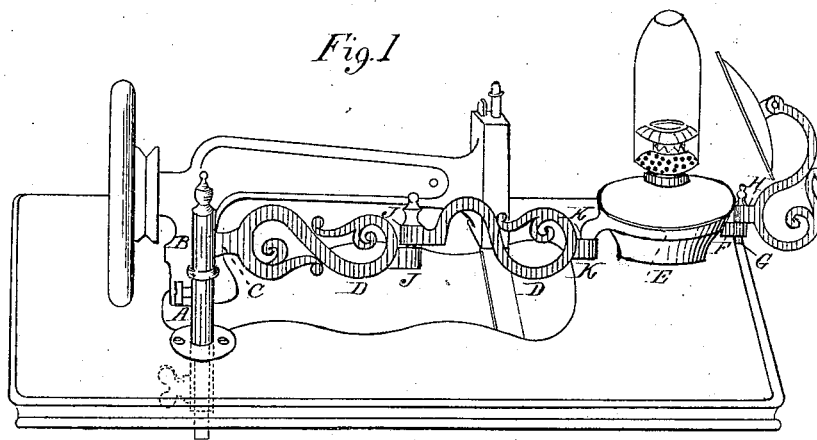
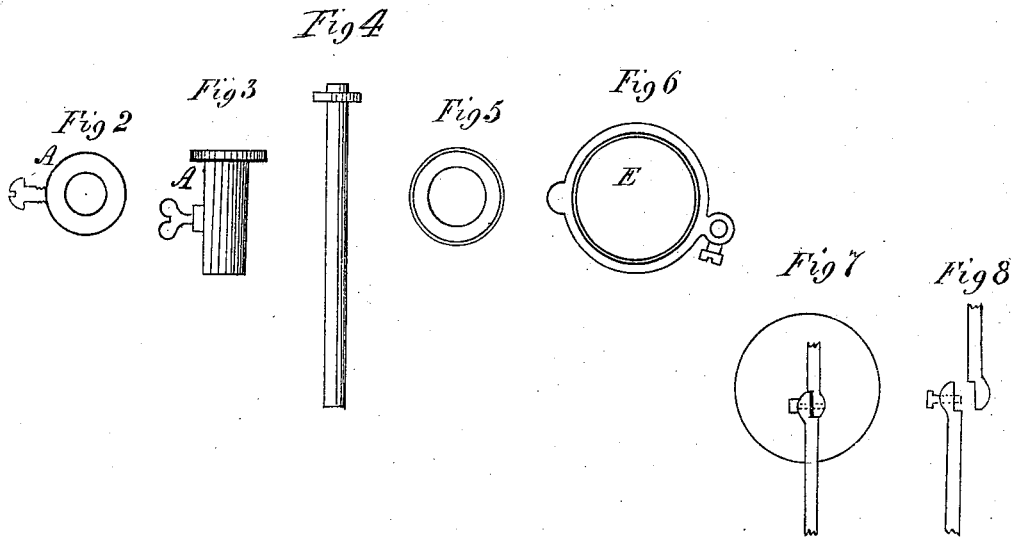


F. M. WILLSON & W. VASSIE.
Lamp-Bracket for Sewing-Machines.

No. 167,864.

Patented Sept. 21, 1875.



Witnesses

P. L. Scriwen
H. J. Crawford

Inventors

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By Wm. Bruce.

UNITED STATES PATENT OFFICE.

FREDERICK M. WILLSON AND WILLIAM VASSIE, OF HAMILTON, CANADA.

IMPROVEMENT IN LAMP-BRACKETS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **167,864**, dated September 21, 1875; application filed March 26, 1875.

To all whom it may concern:

Be it known that we, FREDERICK MACKLIN WILLSON, president of the Gardner Sewing-Machine Company, and WILLIAM VASSIE, mechanical superintendent of the said company, both of the city of Hamilton, in the county of Wentworth, in the Province of Ontario, in the Dominion of Canada, have jointly invented a new and useful Lamp-Holding Attachment for Sewing-Machines; and we do hereby declare that the following is a full, clear, and exact description of the same.

Referring to the drawings hereto annexed, Figure 1 is a side elevation. Figs. 2, 3, 4, 5, 6, 7, and 8 are sectional views of the same.

A is a hollow socket, to be inserted into the table of a sewing-machine, having a rim on the upper end, which is firmly fastened to the table by two screws. B is a hollow pillar, sliding inside the socket A, and held in its place by set-screws *a*, the object being to raise or lower the lamp to any height required. D is a bracket, having on the one end a stem, C, entering into the hollow pillar B, having a joint in the middle, J J, and a ring, E, and joint K K (for holding the lamp) on the other

end, the object being to enable the operator to turn the lamp to any position required. E is a ring, attached to the bracket at joint K K, having on the outside a lug, F. G is an arm entering the lug F, having a joint, H, the object being to hold the reflector, and enable the operator to place it at any angle required to throw the light directly upon the work.

We make no claim to the bracket, nor to the reflector.

What we claim as our invention is—

The ring E, swiveled to the bracket D, and forming a support for the lamp, and constructed with the lug F, in combination with the reflector and its frame, having the arm G fitted in the lug on the said ring, and the pillar B and socket A, the whole being constructed and relatively arranged substantially as shown and described.

Hamilton, 9th March, 1875.

F. M. WILLSON.
WILLIAM VASSIE.

Signed in the presence of—

W. J. BALLARD,
H. MORPHEY.