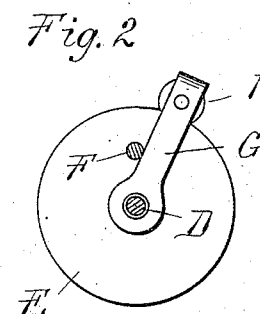
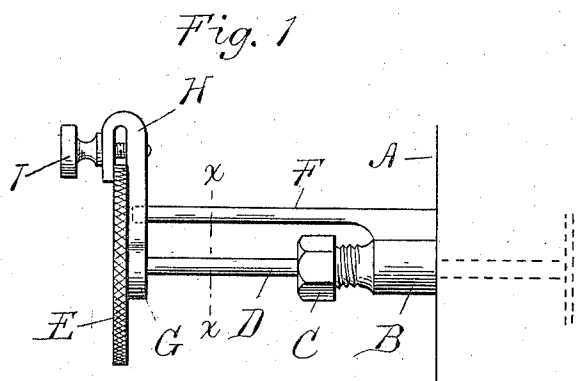


(No Model.)

F. P. GLAZIER.
WICK RAISING DEVICE.

No. 576,448.

Patented Feb. 2, 1897.



Witnesses:

Otto F. Bantel
M. D. S. Gherly

Inventor:

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UNITED STATES PATENT OFFICE.

FRANK P. GLAZIER, OF CHELSEA, MICHIGAN.

WICK-RAISING DEVICE.

SPECIFICATION forming part of Letters Patent No. 576,448, dated February 2, 1897.

Application filed August 19, 1896. Serial No. 603,206. (No model.)

To all whom it may concern:

Be it known that I, FRANK P. GLAZIER, a citizen of the United States, residing at Chelsea, in the county of Washtenaw and State of Michigan, have invented certain new and useful Improvements in Wick-Raising Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The invention consists in the construction of a stop or lock for the wick-raising device of an oil-stove so constructed that after the proper position is found for the best burning of the wick the wick-raising shaft may be
15 turned to a stop which will raise it to the desired point and without any check on the ability to turn the wick down for the purpose of extinguishing it.

20 To this end the invention consists in the construction, arrangement, and combination of the various parts, all as more fully herein-after described.

25 In the drawings, Figure 1 is an elevation of my improved device, and Fig. 2 is a cross-section thereof on line *x x*.

30 A represents the casing or the wick-tube of any ordinary burner for a lamp or an oil-stove, B a nipple projecting therefrom, having the packing-nut C on the end, and D is the raising and lowering shaft for the wick, passing through the nipple and nut in the usual way and having a hand or finger wheel or disk E at its outer end, by the turning of which the wick may be raised or lowered.

35 In an oil-stove or lamp it is customary to adjust the wick each time it is lighted to the proper height, and usually it has to be re-adjusted once or twice to get it to a point where it will give just the right flame without smoke.

40 F is a stationary finger projecting out parallel with the shaft to near the wheel E.

45 G is an arm loosely sleeved at one end on the shaft beside the disk E, and having a U-shaped clamp H at its outer end embracing the edge of the wheel and adapted to be clamped

tightly thereon or loosened by means of the screw I, which draws the two legs of the clamp together or permits them to separate as the screw is turned.

50 With this construction after the desired point of adjustment of the wick is obtained the arm is turned into engagement with the stop F and the clamp H tightened, so that the wheel E cannot be turned any further to raise the wick, but may be turned nearly one revolution backward or lower it to extinguish. In relighting the wick the operator
55 can be assured that if the wheel is turned to a stop it is at the right height for proper burning, and no further adjustment is required.

The construction of such a device is especially desirable on account of its cheapness, simplicity and ease of adjustment, and certainty of operation.

65 What I claim as my invention is—

1. The combination with the wick-raising shaft and its wheel, of a stop, an arm provided with a U-shaped end portion the legs of which engage the wheel on opposite sides and a screw for clamping said end portion upon the wheel, said arm adapted to engage said stop.

2. The combination with the wick-raising shaft and its wheel of a stop projecting in proximity to the wheel, an arm loose on the shaft in the path of the stop and means for securing it to the wheel, to stop the rotation of the shaft at any desired point.

3. The combination with the wick-raising shaft and its wheel, of a stop projecting in proximity to the wheel, an arm loose on the shaft in the path of the stop, a U-shaped end portion on the arm embracing the wheel, and a screw for clamping this end portion upon the wheel for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK P. GLAZIER.

Witnesses:

M. B. O'DOHERTY,
OTTO F. BARTHEL.