(No Model.)

M. S. DURELL & A. L. GEBHARD.

STEAM RADIATOR ATTACHMENT.

No. 347,476. Patented Aug. 17, 1886.

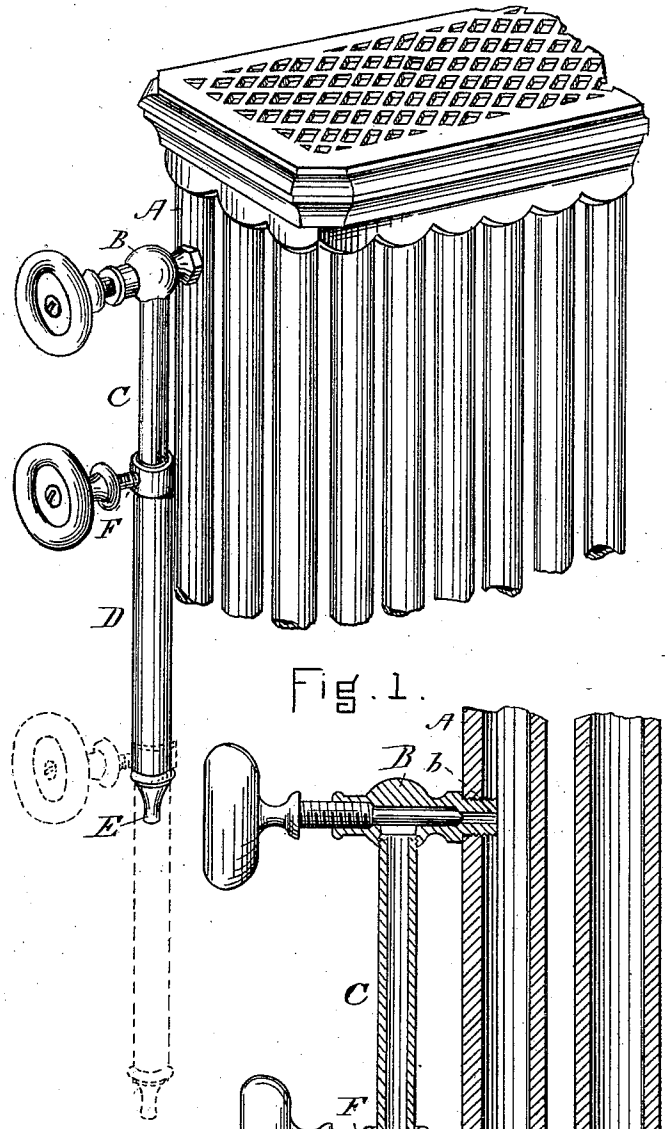


Fig. 1.

Fig. 2.

WITNESSES.
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UNITED STATES PATENT OFFICE.

MARY S. DURELL AND ANNIE L. GEBHARD, OF SCHOHARIE, NEW YORK.

STEAM-RADIATOR ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 347,476, dated August 17, 1886.

Application filed March 5, 1886. Serial No. 194,113. (No model.)

To all whom it may concern:

Be it known that we, MARY S. DURELL and ANNIE L. GEBHARD, both of Schoharie, in the county of Schoharie and State of New York, citizens of the United States, have invented certain new and useful Improvements in Steam-Radiator Attachments, of which the following is a specification.

The object of our invention is to provide a simple and convenient attachment to steam-radiators by means of which the steam therein can be readily drawn out to heat water for household purposes.

In the accompanying drawings, Figure 1 represents in perspective a portion of a steam-radiator with our improved attachment secured thereto, and Fig. 2 is a vertical sectional view of the same.

The object of our invention is to provide a simple and convenient means by which the steam may be withdrawn from the radiator to heat water in household vessels of various sizes, and, it being desirable for this purpose that the steam should be introduced into the water without first coming in contact with the air of the room, we have provided an extensible device for so withdrawing and controlling the steam, which constitutes our present invention.

In the accompanying drawings, A represents the pipe of a radiator to which our improved device is attached. This device consists of a cock or valve, B, provided with a threaded neck, *b*, whereby it may be inserted into and secured within the pipe A. Leading from this cock B is a steam-outlet pipe, C, and sliding upon this is a second pipe, D, the lower end of which, or that which enters the liquid to be heated, may be provided with a contracted orifice or nipple, E. To this sliding pipe D is also attached a set-screw, F, by which it can be secured when it has been moved or slid to any desired position upon the pipe C.

We are aware that it is not broadly new to utilize the steam from a radiator or other steam-containing vessel for heating water for household purposes. Furthermore, we are aware that it is not broadly new to construct a sliding or telescopic pipe through which steam may be carried.

The novelty and utility of our present contrivance seem to us to lie in the fact that it is a simple compact device, readily attachable to a radiator after the latter is already, in place and by virtue of the sliding pipe D may be adjusted readily to correspond with the varying depths of household utensils in connection with which it may be employed, and also to correspond with varying depths of water to be heated in the same utensil, thus allowing the steam to be readily admitted below the surface of the water. Furthermore, by reason of its construction and the capacity of the device to be permanently set at the given height or depth, it is not liable to be accidentally displaced or withdrawn from the water to be heated, as would easily happen where a flexible discharge-pipe of fixed length was employed.

We claim—

1. As a new article of manufacture, the improved attachment for radiators herein described, it consisting of the cock or valve B, provided with a screw-threaded neck, *b*, and also with a steam-discharge pipe, C, upon which is mounted an exteriorly-sliding pipe, D, provided with a set-screw, F, all substantially as herein set forth, and for the purpose herein specified.

2. As a new article of manufacture, the improved attachment for radiators herein described, it consisting of the cock or valve B, provided with a screw-threaded neck, *b*, and also with a steam-discharge pipe, C, upon which is mounted an exteriorly-sliding pipe, D, provided at its end with a contraction or discharge-nipple, E, and also provided with a set-screw, F, all substantially as herein set forth, and for the purpose herein specified.

In testimony whereof we have hereunto subscribed our names this 3d day of March, A. D. 1886.

MARY S. DURELL.
ANNIE L. GEBHARD.

Witnesses:
E. B. TOMLINSON,
J. HENRY TAYLOR.