

1,325,438.

J. DESJARDINS,
REGISTER.
APPLICATION FILED JUNE 3, 1919.

Patented Dec. 16, 1919.

Fig. 1.

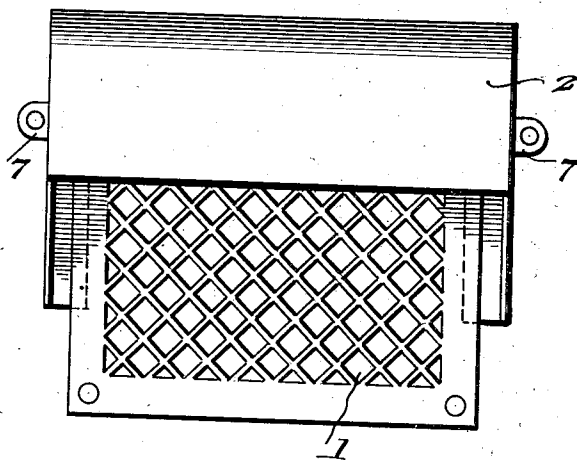


Fig. 2.

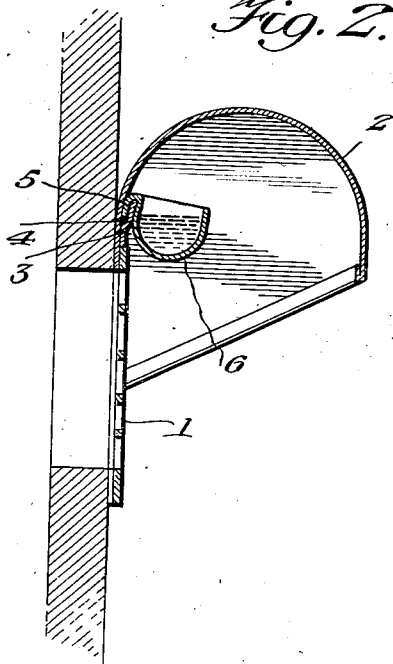
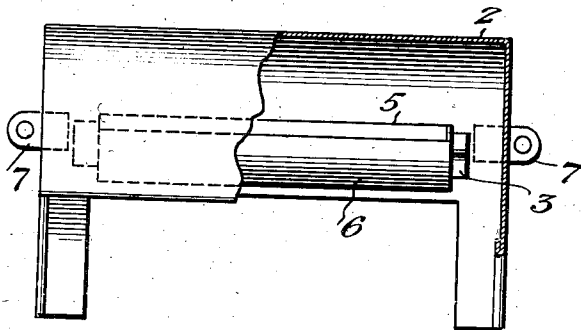


Fig. 3.



Witnesses
W. H. H. H. H.

Inventor
John Desjardins
By *Victor J. Evans*
Attorney

UNITED STATES PATENT OFFICE.

JOHN DESJARDINS, OF MARINETTE, WISCONSIN.

REGISTER.

1,325,438.

Specification of Letters Patent.

Patented Dec. 16, 1919.

Application filed June 3, 1919. Serial No. 301,553.

To all whom it may concern:

Be it known that I, JOHN DESJARDINS, a citizen of the United States, residing at Marinette, in the county of Marinette and State of Wisconsin, have invented new and useful Improvements in Registers, of which the following is a specification.

This invention relates to improvements in registers of hot air heating systems and one of the objects of the invention is to provide means for making a more even distribution of the hot air coming from the register in the room.

Another object of the invention is to provide means for moistening this air as it passes from the register.

The invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a diagrammatic view showing the application of my invention;

Fig. 2 is a sectional view;

Fig. 3 is a front view with parts broken away.

In these views 1 indicates the register through which the air passes into the room from the usual flue which is connected with the hot air furnace. Over the upper part of this register I locate a casing 2 which is of inverted trough shape in cross section. One side of this casing is suitably attached to the wall around the register so that the heated air coming from the register will be deflected toward the floor by the casing. The rear side of the casing is of greater length than the front side and the lower edges of the end pieces of the casing incline downwardly from the front toward the rear, as shown. The rear or inner side of the casing is cut away to fit around the upper portion of the register.

The rear or inner side of the casing, immediately above the top of the register, is provided with a strip 3 the upper edge of

which is bent outwardly to form a receiving recess 4. This recess is adapted to receive the depending flange 5 of the water holder 6 so that said holder may be removed from the casing when it is desired to refill the same. This holder is of trough shape and is supported at the top of the register so that the heated air coming from the register will be supplied with moisture before passing into the room. The casing may be secured to the wall by being clamped between said wall and the register, or it may be secured to the wall by the clips 7 which are secured to the rear side of the casing.

This casing for a hot-air register circulates the heated air more evenly and protects the walls and ceilings.

The casing can be made of any kind of material and in many different designs.

This casing can be used on any form of register where heat is furnished from a hot-air, steam, or hot-water plant.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:—

1. A device of the class described comprising a casing of inverted trough-shape the rear side being of greater length than the front side with the ends of the casing inclined downwardly from the front to the rear and said rear side having a cut-away portion to fit around the register.

2. A device of the class described comprising a casing of inverted trough-shape and having its rear side extending downwardly beyond the lower edge of the front side with the lower edges of its ends inclined downwardly from front to rear, said rear side being recessed to receive the register, a strip secured to the rear side above the recessed portion and having its upper edge bent outwardly to form a recess and a water holder having a depending flange engaging said recess.

In testimony whereof I affix my signature.
JOHN DESJARDINS.