

RADIATOR.
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RADIATOR.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, DANIEL J. McCARTY and HARRY B. McGINNIS, citizens of the United States, and residents of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Radiators, of which the following is a specification.

Our invention relates to improvements in radiators and has for its object a provision of an improved support for radiators.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a vertical section through a wall and floor of a room of a building showing the construction embodying our invention, and Fig. 2 is a perspective view of supporting members employed in the construction.

The preferred form of construction as illustrated in the drawings comprises suitable supporting members each provided with a vertical arm 1 inclosed within a wall of a room of a building and a horizontal arm 3 inclosed within the floor 4 of said room, as shown in Fig. 1. Suitable cleats or supports 5 are secured to the floor joints 6 to constitute supports for the horizontal arms 3 of said supporting members. Each of the vertical arms 1 is provided with a lower supporting arm 7 having a shallow hook 8 at its outer end and a supporting block 9 at its inner end slidably mounted on said arm 1. Each of the blocks 9 is provided with a set screw 10 for securing the same in adjusted positions. Each of the vertical arms 1 is also provided with an upper supporting arm 11 provided at its outer end with a comparatively deep supporting hook 12 and threaded at its inner end into a block 13, slidably mounted on the upper end of the corresponding arm 1. The inner end of each of the arms 11 is arranged to contact with the corresponding arm 1 so that each of the said arms 11 constitutes a set screw to lock itself in adjusted positions on the corresponding arm 1. Each of the blocks 9 and 13 are provided at each side with a flange or ear 14 which is provided with a vertical slot 15, as shown. Yokes 16 are secured between the corresponding ears 14 on blocks

9 and 13 to position said blocks and support arms 1. The ears are provided on both sides of said blocks so that a multiple of supports may be properly secured if desired.

In use the supporting members are secured in the wall and floor of a room and arms 7 and 11 adjusted to fit the radiator. The form of construction as illustrated is designed for use with the usual form of radiators composed of a plurality of separate units 13 suitably joined together at their bottoms and provided at their upper portions with the usual distancing lugs 18 as indicated in Fig. 1. The lower portion of the radiator is placed in the hooks 8 and hooks 12 engage with the inner distancing lugs 18 as indicated in Fig. 1.

The construction disclosed constitutes a convenient and efficient support for a radiator and will be found to be highly desirable in use.

While we have illustrated and described the preferred form of construction for carrying our invention into effect, this is capable of variation and modification without departing from the spirit of the invention. We, therefore, do not wish to be limited to the exact details of construction as set forth, but desire to avail ourselves of such variations and modifications as come within the scope of the appended claims.

Having described our invention, what we claim as new and desire to secure by Letters Patent, it:

1. The combination with a radiator, of a supporting member inclosed in a wall of a building; an arm on said member projecting through said wall and adapted to engage and support the lower portion of said radiator; and another arm on said member projecting through said wall and adapted to engage and support the upper portion of said radiator, substantially as described.

2. The combination with a radiator, of a pair of supporting members inclosed in a wall of a building; yokes connecting said supporting members and also inclosed in the wall of the building; an arm on each of said members adapted to engage and support the lower portion of said radiator; and another arm on each of said members adapted to engage and support the upper portion of said radiator, substantially as described.

3. The combination with a radiator formed of separate units having distancing lugs between the upper portions thereof; a

pair of supporting members each comprising
a vertical arm inclosed in the wall of a build-
ing and a horizontal arm inclosed in the floor
of a building; a support for said horizontal
5 arms; yokes connecting said vertical arms
and inclosed in the wall of the building; ad-
justable arms on said vertical arms adapted
to project through the wall of the building
and provided at their outer ends with hooks
10 adapted to embrace the lower portion of the
radiator; and adjustable arms on said verti-
cal arms adapted to project through the wall

of the building and provided at their outer
ends with hooks adapted to engage said lugs,
substantially as described.

In testimony whereof we have signed our
names to this specification in the presence of
two subscribing witnesses.

DANIEL J. McCARTY.
HARRY B. McGINNIS.

Witnesses:

JOSHUA R. H. POTTS,
B. G. RICHARDS.