F. R. HESKETT.

CARRIER FOR RADIATORS.

APPLICATION FILED AUG. 23, 1911.

1,014,303.

Patented Jan. 9, 1912.

Fig. 1.

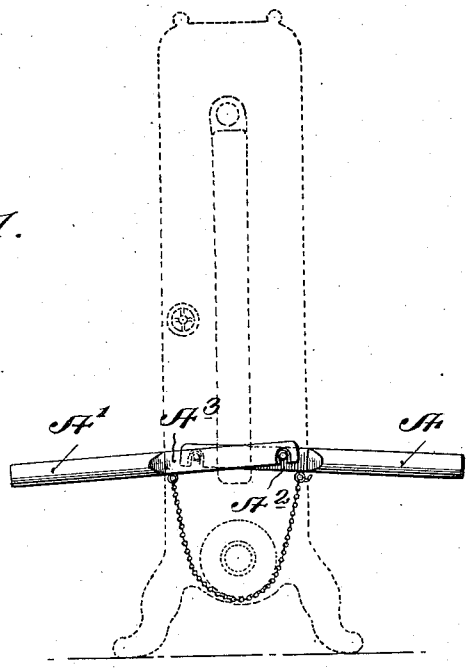
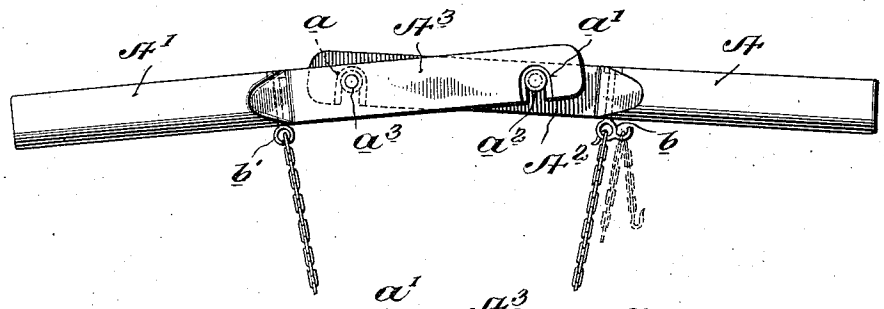


Fig. 2.



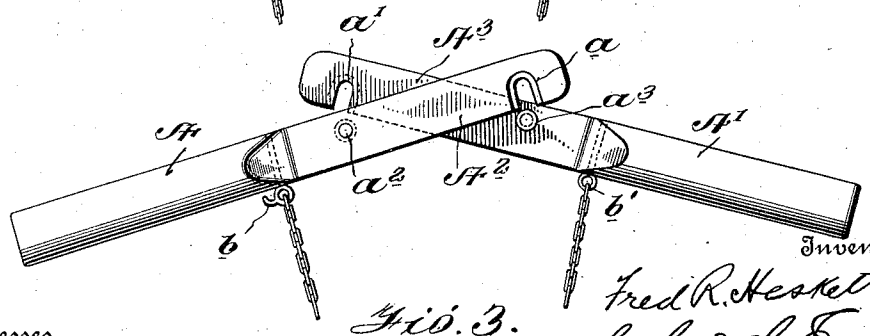


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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CARRIER FOR RADIATORS.

1,014,303. Specification of Letters Patent. Patented Jan. 9, 1912.

Application filed August 23, 1911. Serial No. 645,635.

To all whom it may concern:

Be it known that I, FRED R. HESKETT, a citizen of the United States, residing at Alton, in the county of Madison and State of Illinois, have invented certain new and useful Improvements in Carriers for Radiators, of which the following is a specification.

My invention relates to a carrier for carrying radiators and other heavy objects.

The principal object of the invention is to provide a carrier comprising two handles separately connected at their inner ends and a flexible weight-sustaining member secured at its ends to the handles; the inner ends of the handles being adapted to be passed between the radiator tubes from opposite sides and connected together, with the chain engaging the under side of the radiator and supporting the weight thereof. This object I attain by the construction shown in the accompanying drawing, in which—

Figure 1 shows, in dotted lines, an end elevation of a radiator with my improved carrier in position for carrying the radiator. Fig. 2 is a side elevation of my improved carrier. Fig. 3 is a similar view with the two handles separated.

A, A′, designate two handles having reduced or flattened inner ends A^2, A^3, which are adapted to lie face to face in parallel vertical planes. The handle A, A^2, is provided near its inner end with a downwardly opening slot a, and the handle A′, A^3, is provided near its inner end with a similar slot a' also opening downwardly. The opposing side faces of the reduced ends A^2, A^3 of the handles are provided with lugs a^2, a^3, respectively. When the handles are crossed as in Fig. 3 the lug a^2 may be made to enter the slot a', and the lug a^3, may be made to enter the slot a. These slots and lugs are so placed that when engaged, the handles A, A′ will incline upwardly from their outer to their inner ends. This inclination tends to cause the hands of the operators to move inwardly and upwardly and prevents all tendency to slip off.

The handles A, A′, are permanently connected by a flexible weight-sustaining member which for convenience will be called a chain, and the drawing shows such member as a chain B. The ends of the chain B are connected to the handles about midway their lengths in any suitable manner, eye-bolts b, b' being shown. In order that the chain B may be shortened when desired I provide a hook b^2, which may be an extension of the eye-bolt b, if desired.

In operation a carrier is used at each end of a radiator and also at intermediate points, if necessary, and there are two men to every carrier. The handles of each carrier are first separated, one handle is then passed under the bottom of the radiator and both handles are then raised and their inner ends passed between a pair of radiator tubes and interlocked. The operators will then exert a lifting force on the handles and the chains will become taut and sustain the weight. The handles cannot be accidentally separated since the whole tendency of the weight is to hold them together. The outer larger ends of the handles are too large to enter between the radiator tubes and so the operators' hands are protected from injury in being forced between the tubes. The opposite downward inclination of the handles, as before stated, tends to cause the hands of the operators to move toward the work instead of outwardly away from the work. The hook b^2, allows of the adjustment of the chains which is highly useful when, for instance, a radiator is being carried up or down stairs. At such times one chain may be shortened.

My invention is not restricted to the lugs and slots forming the detachable connection for the inner ends of the handles, as other means capable of ready connection and separation may be employed, and so with regard to the chain which may be changed for a length of rope or a flexible metal band.

It is obvious that heavy objects other than radiators may be carried by my improved carrier.

What I claim is:

1. A radiator carrier comprising, two handles of a width at their inner ends to be passed between the tubes of a radiator from opposite sides thereof and having means for readily connecting their meeting ends, and a depending flexible weight sustaining member secured at its ends to the handles between their ends and adapted to extend under the radiator.

2. A carrier comprising, two handles adapted to lie vertically parallel at their inner ends and each having at its inner end a downwardly opening slot and a lateral stud or projection therebeyond; the stud or projection on one handle being adapted to

pass upwardly into the slot in the other, and a depending flexible weight-sustaining member secured at its ends to the handles between their ends and adapted to be passed under the article to be carried.

3. A radiator carrier comprising, two handles of a width at their inner ends to be passed between the tubes of a radiator from opposite sides thereof and provided at their inner ends with means for readily connecting them, shoulder-forming means on the handles for limiting their further inward movement between the tubes and a depending flexible weight-sustaining member secured at its ends to the handles adjacent to said shoulders and adapted to be passed under the radiator.

4. A radiator carrier comprising, two handles adapted to be passed at their inner ends between the tubes of a radiator and there provided with connecting means adapted to hold the handles inclined downwardly in opposite directions for the purpose described, stop shoulders on the handles to limit their inward movement between the tubes, and a depending flexible weight-sustaining member secured at its ends to the handles between their ends and adapted to be passed under the radiator.

5. A carrier comprising, two handles having flattened inner ends, each having a downwardly opening slot in its lower edge and lateral studs on the adjacent faces of the said ends to enter said slots, and a chain connected at its ends to said handles.

6. A radiator carrier, comprising a pair of handles reduced at their inner ends to pass between the tubes of a radiator from opposite sides thereof, and provided at said ends with readily separable connections; the handles at the juncture of their reduced portions forming stops to prevent their passage between said tubes, and a flexible member secured at its ends to the handles and adapted to pass under the radiator and sustain the weight thereof.

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

FRED R. HESKETT.

Witnesses:
ALLEN K. HESKETT,
J. C. BRAMHALL.