Jan. 9, 1940. H. A. CONGER 2,186,368

COMMODITY CARRIER

Filed Aug. 31, 1938

FIG. 1.

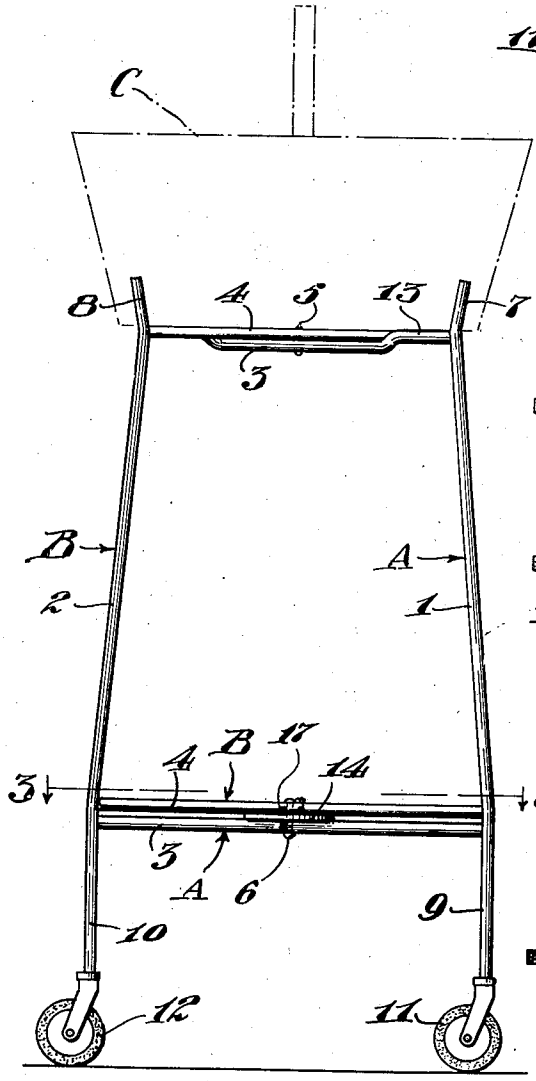


FIG. 2.

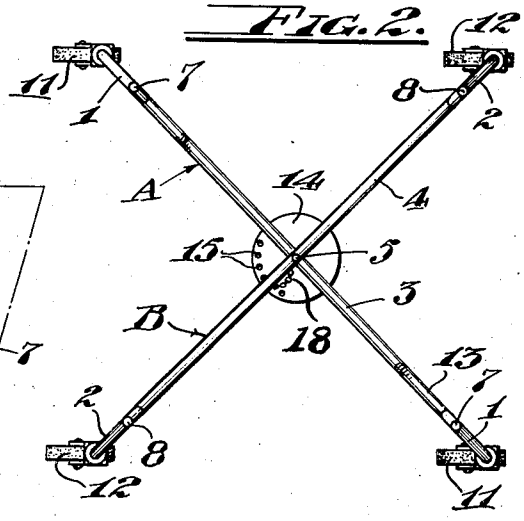


FIG. 3.

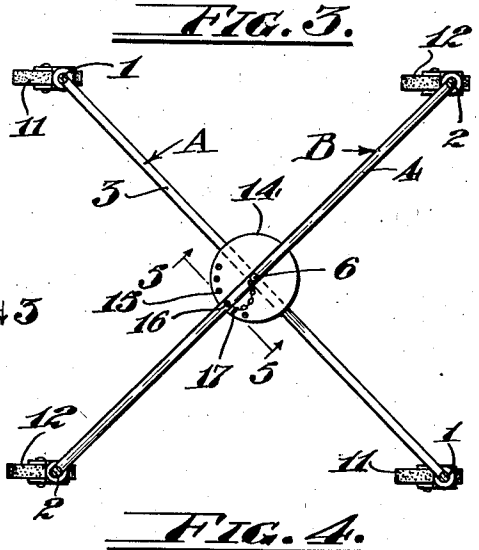


FIG. 4.

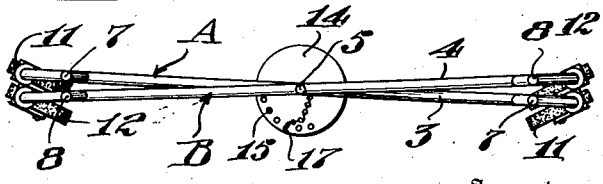
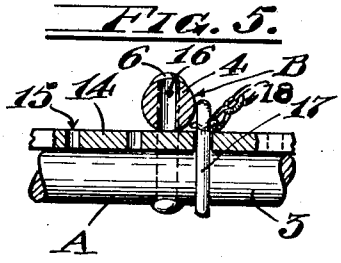


FIG. 5.



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UNITED STATES PATENT OFFICE

2,186,368

COMMODITY CARRIER

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Application August 31, 1938, Serial No. 227,747

1 Claim. (Cl. 280—36)

The principal object of my invention is the provision of a portable, foldable and adjustable locking device to embrace a receptacle for goods, wares and merchandise, and wherein or wherefrom, as the case may be, the articles may be collected or distributed from place to place so as to eliminate all necessity of being carried around or about, the place of collection or distribution by means of one's hands.

A further object is to provide a device permitting the collecting and distribution of articles in receptacles or containers of varying sizes, styles and shapes, and wherein the latter may be firmly, safely, and securely be held in removable contact therewith, it being a primary object of this invention to provide such a device as will permit its use and adaptation to persons of all ages; even a child may safely and conveniently use it.

A further object is to provide a device of said characteristics, light in weight, staunchly constructed for any reasonable load it may be required to carry, so as to avoid the springing and twisting out of shape of the carrier upright supporting means, more or less common to devices for similar purposes in use, and which material defect it is an objective of the herein described device to completely eliminate to avoid the possibility of a collapsing of the carrier when loaded with articles to their damage and possible total loss, and likelihood of injury to the party using the same, and others in close proximity thereto at the time of such collapsing.

A still further object is the provision of a device embodying neatness in design and structure and having foldable and adjustable stanchion members arranged to be locked in secured relation with one another, and with the commodity container or other object supported thereby.

And a further object is the provision of such a device as would readily lend itself to the carrying of baskets, boxes, packages, bundles and divers other forms of containers and commodities, severally or collectively, and which may conveniently be held therein, with or without a container, cord wood, for example.

I attain these objects by the device illustrated in the accompanying drawing, in which:

Figure 1 is a side elevation of one embodiment of the invention when in use;

Figure 2 is a top plan view of the same as shown in Figure 1;

Figure 3 is a horizontal section taken of the plane of line 3—3 of Figure 1;

Figure 4 is a plan view of the carrier as when folded, and

Figure 5 is an enlarged fragmentary section taken on the plane of line 5—5 of Figure 3.

Similar numerals of reference indicate like parts throughout the several views, the invention thus comprising like substantially rectangular frames A and B made up of upright side members 1, 1, and 2, 2, and upper and lower horizontal cross members 3, 3, and 4, 4; said cross members are pivotally connected substantially centrally of their ends as at 5 and 6, and the side members 1, 1, and 2, 2, are extended upwardly from the upper cross members and are slightly outwardly planed or inclined to serve as retaining portions 7, 7, and 8, 8, and to form with said upper cross members a cradle for supporting a conical or other shaped commodity container or receptacle means C which is rested on said upper cross members as is shown in Figure 1.

The side members 1, 1, and 2, 2, are also extended downwardly from the lower cross members to provide stanchion members 9, 9, and 10, 10, to which are mounted casters 11, 11, and 12, 12.

The upper cross member 3 is downwardly offset between its ends whereby to extend beneath the upper cross member 4, yet provide a supporting portion 13 at each of its ends, and which are coplanar with the cross member 4.

The lower cross member 3 has a circular plate 14 welded or otherwise fixed thereto so as to engage the under side of the lower member 4, said plate 14 having a plurality of openings 15 adopted to register with an opening 16 in the lower cross member 4 whereby a lock pin secured to the free end of a chain 18 may be inserted to hold the frame sections A and B in the desired adjustment as permitted within the radius of the aforementioned plurality of openings 15, the other end of the chain being secured to said cross member in any convenient manner, one means as shown, for example, secured to the pivot as at 6.

Said means of adjustment comprises but one of many readily adaptable; a detent spring, or a bullet catch, not shown equally serving the identical purpose, and the chain may as readily be attached through the head of the pivot means as thereunder (not shown).

The side members 1, 1, and 2, 2, are preferably converged from the lower cross members 3, 3, and 4, 4, to the upper cross members 3, 3, and 4, 4, whereby the lower end of the carrier pedestal is larger to lend stability thereto, and provide a non-tipping pedestal standard for the carrier in order to overcome any top heaviness that might be caused by the weight of the articles carried thereby.

Readily produced in any desired size to meet the varying size of commodity containers the market affords, and from materials obtainable in the open market and at no great cost, the device readily commends itself for simplicity and satisfaction in use.

Finished as desired, in baked enamel colored paint and lacquers, or plated, the device readily lends itself in a handy and attractive manner to the purposes and use for which it was conceived.

I am aware that slight modifications may from time to time be made in the details of structure illustrated without departing, however, from the scope of the present invention, and as defined in the claim which is appended hereto. Hence, I do not limit my present invention to the exact description herein disclosed, but what I do claim is:

A commodity carrier including a pair of substantially rectangular frames each consisting of a pair of side members, upper and lower cross members extending horizontally between and joining said side members at points between the upper and lower ends thereof, the portions of the side members below the lower cross members being substantially straight and vertically disposed, casters on the lower ends of said lower portions of said side members, the portions of the side members between the cross members being upwardly converged, the portions of the side members above the upper cross members being slanted outwardly from the ends of said upper cross members and the distance between the upper end of said outwardly slanted portions being less than the distance between the lower ends of said side members to stabilize the carrier, means pivotally connecting the upper and lower cross members of said frames with one another at points centrally of their ends whereby the frames may be relatively adjusted to provide a carrier space of varying dimensions between said outwardly slanted portions and upon said upper cross members and means for locking said frames in adjusted positions, said means being located on the lower cross members whereby access thereto may be had, and operation thereof be effected when the carrier space is occupied, said locking means including a disk fixed to one of said lower cross members and having an arcuate series of apertures therein, the other of said lower cross members having an aperture registrable with any one of the apertures of said series, a pin insertable thru the aperture of said cross member and disk, and a flexible tie element for securing said pin to one of said lower cross members.

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