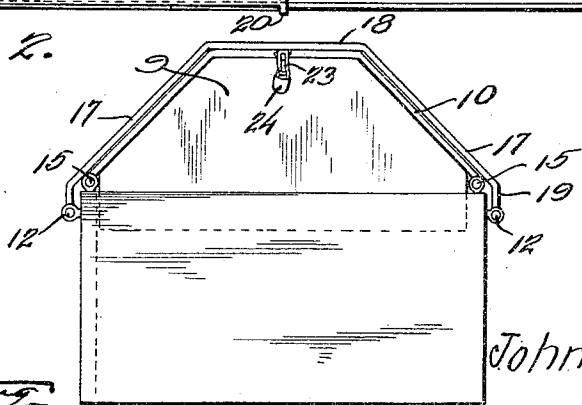
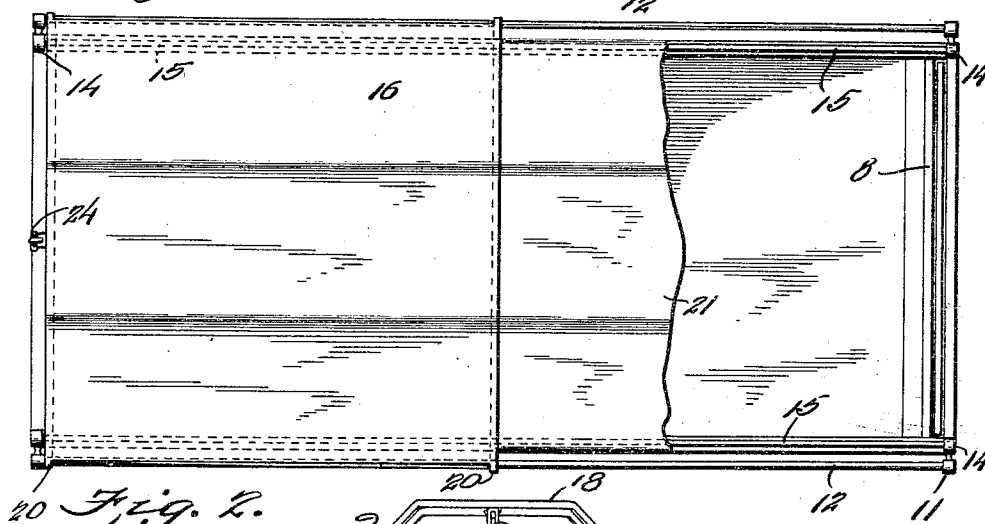
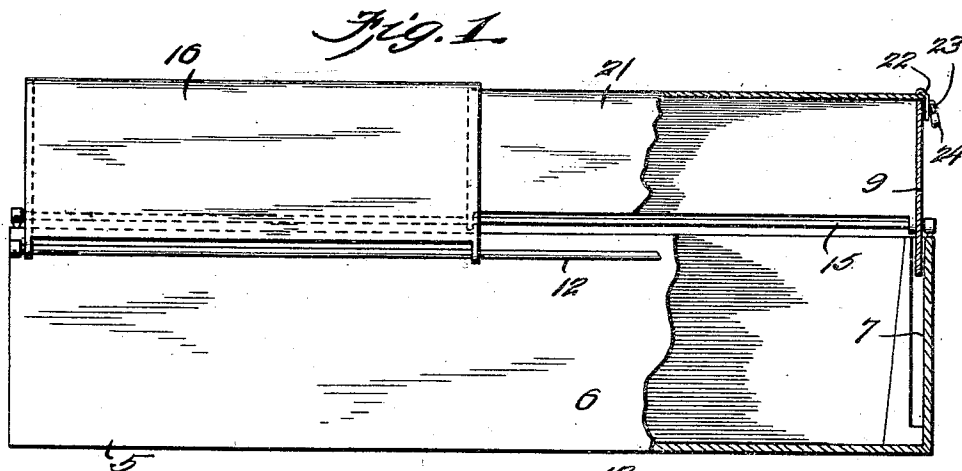


J. H. BRUCE.
COAL CAR COVER.
APPLICATION FILED JUNE 12, 1917.

1,258,314.

Patented Mar. 5, 1918.



WITNESSES
L. L. Cunningham
Ray. L. Croggson

INVENTOR
John. H. Bruce

Fig. 3. BY *Richard L. Owen*

ATTORNEY

UNITED STATES PATENT OFFICE.

JOHN H. BRUCE, OF WHITTINGTON, ILLINOIS.

COAL-CAR COVER.

1,258,314.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN H. BRUCE, a citizen of the United States, residing at Whittington, in the county of Franklin and State of Illinois, have invented certain new and useful Improvements in Coal-Car Covers, of which the following is a specification.

My invention relates to coal car covers and has as its primary object the provision of a cover which will prevent the coal from falling from the car, prevent it from being stolen and which will protect it from the weather.

Another important object of the invention is to provide a cover of this character which will entirely inclose the contents of the car and thereby retain the same in an intact condition.

Another important object is to provide a cover for open cars and the like which is longitudinally movable over the car so that the car may be loaded from either end of the same.

Still another object of my present invention is to provide a cover of this character which is absolutely burglar proof.

An additional general object resides in the provision of a cover having the above features which may be readily adjusted to inclose the contents of the car, which consists of few parts that may be readily assembled and disassembled, which may be used in connection with any open type of car or receptacle, and which may be manufactured and placed on the market at a minimum cost.

Other objects and advantages will be fully apparent from the following detailed description and accompanying drawing, wherein one embodiment of the invention is illustrated.

The invention consists of combinations, constructions, arrangements and operations which will be hereinafter fully set forth and the inventive features will be explicitly recited in the subjoined claims.

On the drawing,

Figure 1 shows a side elevation of the body of an open coal car or the like having my improved cover mounted thereon, part of the cover and the car being broken away,

Fig. 2 is a top plan view of the same; part of the cover being broken away to show the interior of the car, and

Fig. 3 is an end elevation thereof.

On the drawing wherein like characters

of reference designate like parts, the numeral 5 designates the body of an open car such as, for instance, a coal car which includes side walls 6 and end walls 7. Mounted in the car body 5 and in close proximity to the end walls 7 are partitions 8 which extend transversely across the car and are of a height equal to the height of the end walls 7. Accommodated between each of the partitions 8 and the end walls 7 and adapted for vertical movement therebetween are panels 9. These panels 9 have their side edges beveled as at 10, while the upper edge of each is flat.

Mounted in brackets 11 disposed adjacent the upper edge of each of the side walls 6 and extending outwardly from the same are horizontally disposed guide rods 12. Also mounted upon the upper edge of the side walls 6 at their opposite extremity are brackets 14 which extend vertically. Guide rods 15 identical with the guide rods 12 extend longitudinally of the side walls 6 and above their upper transverse edges and are supported by the brackets 14.

The numeral 16 designates a movable cover section which is preferably formed from a plate of sheet metal possessing the necessary qualities. This cover section includes divergent side walls 17 and a top wall 18 which is perfectly flat as clearly illustrated in the drawing. Longitudinal extensions 19 extend from the lower longitudinal edge of each of the side walls 17 and are formed with a laterally extending perforated ear 20, at each end thereof, which receives the guide rods 12 and is capable of longitudinal movement thereon.

A second section 21 which is constructed identically the same as the section 16 is mounted on the guide rods 15 and like the section 16, this section 21 is adapted for longitudinal movement on its respective guide rods. This latter section is not as wide as the section 16 and it will thus be manifest that these sections may be telescoped. Owing to the sloping or divergent sides 17 of the sections, rain and the like will be caused to run to the ground and not settle upon the sections. It should also be noted that the panels 10 are of such shape as to be snugly embraced by the sections when in operative position.

A keeper 22 is mounted at the outer end of each of the sections and at the apex of the same which are adapted to receive hasps

23 carried by the panels 9. Locks 24, which may be of any conventional type are adapted to be engaged in the hasps 23, and lock the sections and panels together. It will be
 5 seen that when the parts are in this position, it will be impossible for an unauthorized person to gain access to the interior of the car.

When it is desired to load the car, the
 10 cover sections are telescoped and shoved to one end of the car. The open end of the car may then be loaded to its capacity and the cover sections shoved to the opposite end and the car loaded from that end formerly covered by the telescoped sections.

This embodiment of the invention is disclosed merely for the purpose of illustrating my inventive idea, and I wish to here
 20 state that the invention can be carried out in constructions other than the one herein shown and specified, and that my limits of modification are only governed by the herewith appended claims.

What is claimed is:

25 1. The combination with an open top car body of a plurality of sliding panels carried thereby, and a plurality of telescoping sections arranged to close the open top of the body and adapted to be secured to said
 30 panels.

2. The combination with an open top car body of a plurality of telescoping sections movable longitudinally along said top, and a plurality of sliding panels positioned at
 35 the opposite ends of said body to close the outer ends of said sections, and fastening means for securing the panels and sections together.

3. The combination with an open top car
 40 body, of a pair of guide rods extending along the opposite sides of said body, a second pair of guide rods extending along the upper edge of said sides, a sliding section provided with eyes adapted to be slidably
 45 mounted on said first mentioned rods, and a second section likewise provided with eyes adapted to be slidably engaged with said last mentioned guide rods and arranged to telescope within said first section.

50 4. The combination with an uncovered conveyance body, pairs of guide rods mounted on the body, one pair of guide rods being disposed over the others, telescopic cover sections slidably mounted on the guide rods,
 55 and panels adapted to close one end of each

of the sections, and locks for locking the sections and panels together.

5. The combination with a coverless conveyance body, of a plurality of telescoping cover sections mounted thereon, each of said
 60 sections including divergent side walls, vertically movable end panels mounted at the transverse ends of the conveyance adapted to be snugly received by the sections, and means for locking the sections and panels
 65 together.

6. The combination with a topless conveyance body, of a guide rod mounted upon each side of the body and extending longitudinally thereof, a second guide rod disposed above each of the first mentioned
 70 guide rods and also extending longitudinally of the body, a cover section longitudinally adjustable on the first mentioned guide rods, a second cover section longitudinally adjustable on the second mentioned
 75 guide rods, and a panel for closing the outer end of each of the sections.

7. The combination with a conveyance body including side walls and end walls, of
 80 vertical partitions mounted in the body adjacent each of the transverse walls and extending transversely across the body, a panel vertically movable between each of the partitions and the adjacent transverse
 85 wall of the body, a plurality of telescopic cover sections overlying a car body, and means for locking the panels and cover section together.

8. The combination with a topless conveyance body, of a horizontal guide rod mounted upon each side thereof, a second horizontal guide rod mounted above each of the first mentioned guide rods, a plurality of
 90 telescopic sections, each comprising a flat top wall and divergent side walls, perforated ears carried by one of the sections and slidably engaged with the lowermost guide rods, ears also carried by the other section and slidably engaged with the uppermost
 95 guide rods, and an end panel mounted at each end of the conveyance adapted to close one end of each of the cover sections.

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

JOHN H. BRUCE.

Witnesses:

N. E. BURKLOW,
 EVAN E. WILDERMAN.