Nov. 3, 1925. 1,559,827

J. WITTMAN

FREIGHT ANTICREEPING DEVICE

Filed March 1, 1924

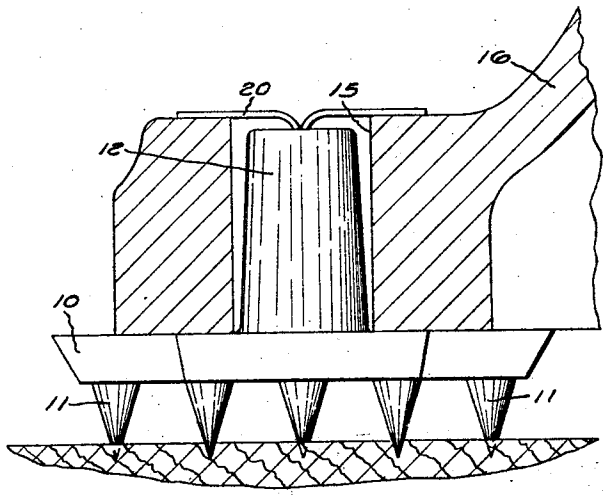


Fig. 1.

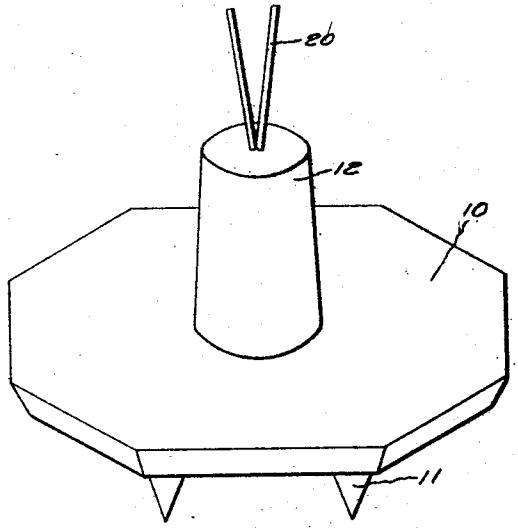


Fig. 2.

Inventor
John Wittman

By Marshall & Fehr
Attorneys

Patented Nov. 3, 1925. 1,559,827

UNITED STATES PATENT OFFICE.

JOHN WITTMAN, OF HAMILTON, OHIO.

FREIGHT-ANTICREEPING DEVICE.

Application filed March 1, 1924. Serial No. 696,305.

To all whom it may concern:

Be it known that I, JOHN WITTMAN, a citizen of the United States of America, residing at Hamilton, county of Butler, and State of Ohio, have invented certain new and useful Improvements in Freight-Anticreeping Devices (Docket No. 188), of which the following is a full, clear, and exact description.

This invention relates to devices for use in packing heavy freight, such as large machines, in freight cars, and the like; and one of the principal objects of the invention is to provide a simple form of mechanism for use in the packing of such heavy freight which is simple and rugged in construction, easily and quickly applied, adapted to hold the freight securely during transit and yet permit easy and ready removal of the freight when it reaches its point of destination.

Other objects and advantages of the invention will be apparent from the description thereof set out below when taken in connection with the accompanying drawings.

In the drawing, in which like characters of reference designate like parts throughout the several views thereof,

Fig. 1 is a view, partly in vertical section, of a device constructed in accordance with this invention, and shown as applied in use; and

Fig. 2 is a view in the nature of perspective, of the invention.

In the loading of railway cars, and the like, with heavy freight, such as large machines, or heavy boxes, it is customary to guard against shifting or creeping of the freight by spiking cleats in proper position upon the car floor.

This invention avoids the necessity for the use of such cleats and an anticreeping device constructed in accordance with the invention, a preferred embodiment of which is illustrated in the drawing, comprises a metal plate 10, which is preferably of cast iron or some similar material and has cast integral therewith, upon one face, a plurality of sharpened spurs or teeth 11, and upon the other face a projection or lug 12. As shown in Fig. 1, when the device is used in the packing of freight, such as steam engines, for example, the lug 12 is positioned within one of the bolt holes 15, in the bed plate or other like part, 16 of the engine, or within the skid or support upon which the bed plate is mounted the weight of the engine forcing the spurs or teeth 11 to penetrate the wood floor of the freight car to some extent thus preventing sliding or creeping.

Some means is preferably provided for holding the anticreeping devices in position within the bolt hole, or similar opening, in the freight so that it may be applied to the freight before the parts are loaded on to the freight car. Preferably this is accomplished by casting in the lug 12 a plurality of wires 20, two being shown although any other number may be used. After the device is positioned in place these wires are bent over, as shown in Fig. 1, to hold the anticreeping device in position so that the freight may be freely moved and the device will still stay in position.

A device of this character will hold the freight securely during transit and yet permits ready unloading of the device at destination. For when the freight is picked up the anticreeping device offers no resistance. And by straightening the wires the device may be removed and reused as often as desired.

While the form of apparatus herein described constitutes a preferred embodiment of the invention, it is to be understood that the invention is not limited to this precise form of apparatus, and that changes may be made therein without departing from the scope of the invention which is defined in the appended claim.

What is claimed is:

A freight anticreeping device comprising a metallic plate, a plurality of projecting teeth carried by said plate upon one face thereof, an upstanding lug carried by said plate upon the other face thereof adapted for positioning within a suitable opening in the freight with which the said anticreeping device is to be used, and a plurality of wires carried by said lug for holding the said anticreeping device in position with respect to the freight.

In testimony whereof I hereto affix my signature.

JOHN WITTMAN.