

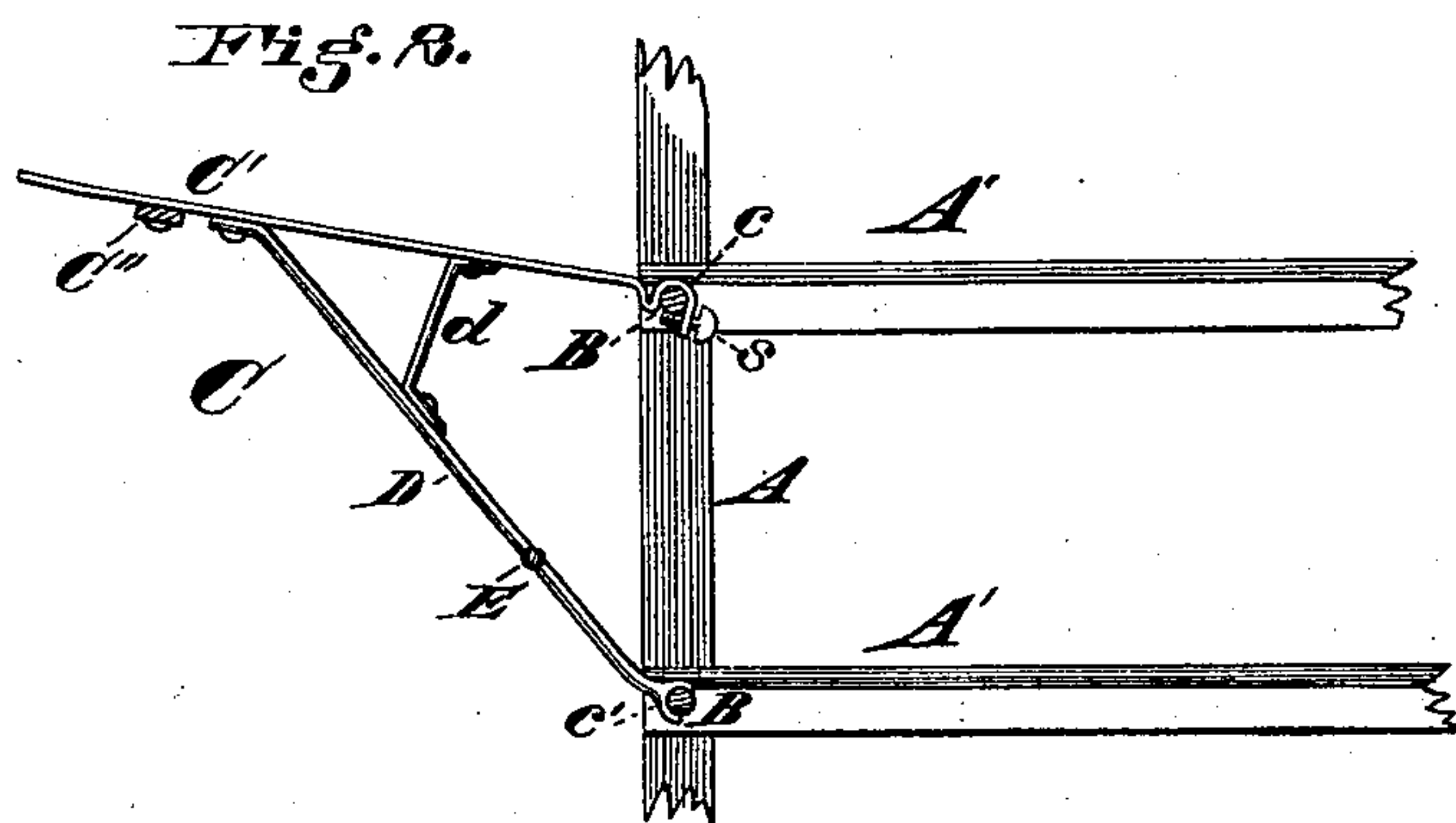
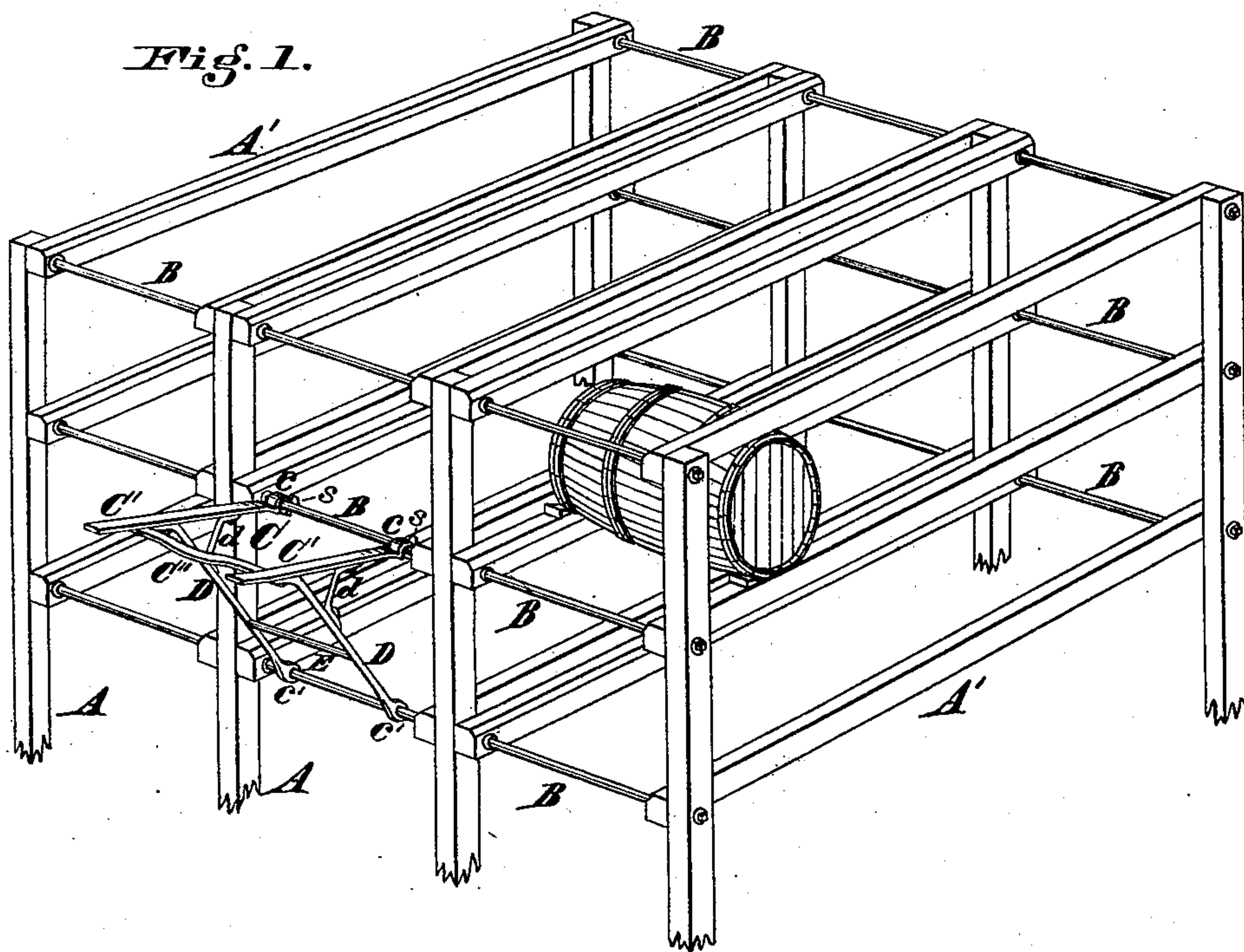
(No Model.)

G. K. DUCKWORTH & A. L. KEBLER.

Adjustable Platform Bracket Skid.

No. 243,229.

Patented June 21, 1881.



Attest
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UNITED STATES PATENT OFFICE.

GEORGE K. DUCKWORTH AND ABBOT L. KEBLER, OF CINCINNATI, OHIO.

ADJUSTABLE PLATFORM-BRACKET SKID.

SPECIFICATION forming part of Letters Patent No. 243,229, dated June 21, 1881.

Application filed May 17, 1881. (No model.)

To all whom it may concern:

Be it known that we, GEORGE K. DUCKWORTH and ABBOT L. KEBLER, both citizens of the United States, and residents of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Adjustable Platform-Bracket Skids, of which the following is a specification.

Our invention relates to an improvement in an adjustable platform-bracket for use in connection with racks on which barrels and other articles have to be lifted and placed for storage.

The object of our invention is to provide ready means for putting barrels on suitable racks and readily removing the same by means of rope and pulley and the ordinary barrel-lifting hooks, avoiding all danger of dropping or injuring the barrels in handling, all of which will be more fully set forth in the description of the accompanying drawings, making a part of this specification.

In the accompanying drawings, Figure 1 is a perspective view of our invention in position for use. Fig. 2 is a side central sectional elevation of the same.

A A represent posts, which support tiers of ordinary barrel-racks.

A' represents the rails constituting each tier.

B represents cross-bars or girders, which pass through the posts A A and rails A', supporting and holding the parts in a fixed position. Such tiers of barrel-racks are in common use in warehouses where barrels are employed for the storage of various articles of commerce.

It is customary to have several tiers, one above the other, and it is impossible to lift the barrels off and on the tiers, and great difficulty is experienced in handling.

We have devised a movable adjustable bracket-skid, which is attached to the rods B B, as shown in the drawings. This bracket-skid is composed of the tram-rails C' and brace-arms D.

c represents a hook formed on the ends of the top rails, C', which hooks engage over the rods B of the rack on which the barrels are to be placed.

s represents set-screws, which pass through hooks c and under rod B and prevent the accidental displacement of the bracket.

c' represents a fork made in the heel of the brace-arms D. This brace D sustains the vertical weight of the load placed upon the adjustable bracket C.

C'' represents a coupling-rod, which is bolted to the rail C', to hold these rails in a fixed relative position. E is a similar coupling-rod for uniting the brace-arms D.

d d represent secondary supporting-braces, which are connected to the rails C' and brace-arms D.

When it is desired to place barrels upon a rack, the bracket C is attached with the rails engaging the rod B at one end of the frame opposite the rack. The brace-arms D are made with open forks, which rest upon a lower rod, B, or other fixed support below the rails of the rack. The screws s are turned up to secure the hooks c. The barrels and packages can then be readily lifted on or off of the platform-bracket C.

The removable and adjustable features of this bracket permit it to be readily removed and adjusted to any one of the series of racks. This bracket is light and portable, and readily used in any position of the warehouse.

Various changes can be made in the method of constructing this platform-bracket without departing from our invention.

We do not confine ourselves to any particular form of construction.

What we claim as new, and desire to secure by Letters Patent, is—

A platform-bracket, C, composed of hooked rails C' and supporting brace-arms D, united together and adapted to be attached to different racks, substantially as herein set forth.

In testimony whereof we have hereunto set our hands in the presence of two subscribing witnesses.

GEORGE K. DUCKWORTH.
ABBOT L. KEBLER.

Witnesses:

J. H. CHARLES SMITH,
ROBT. M. ROBERTS.