

(No Model.)

C. W. HUNT.  
Device for Loading Coal.

No. 239,328.

Patented March 29, 1881.

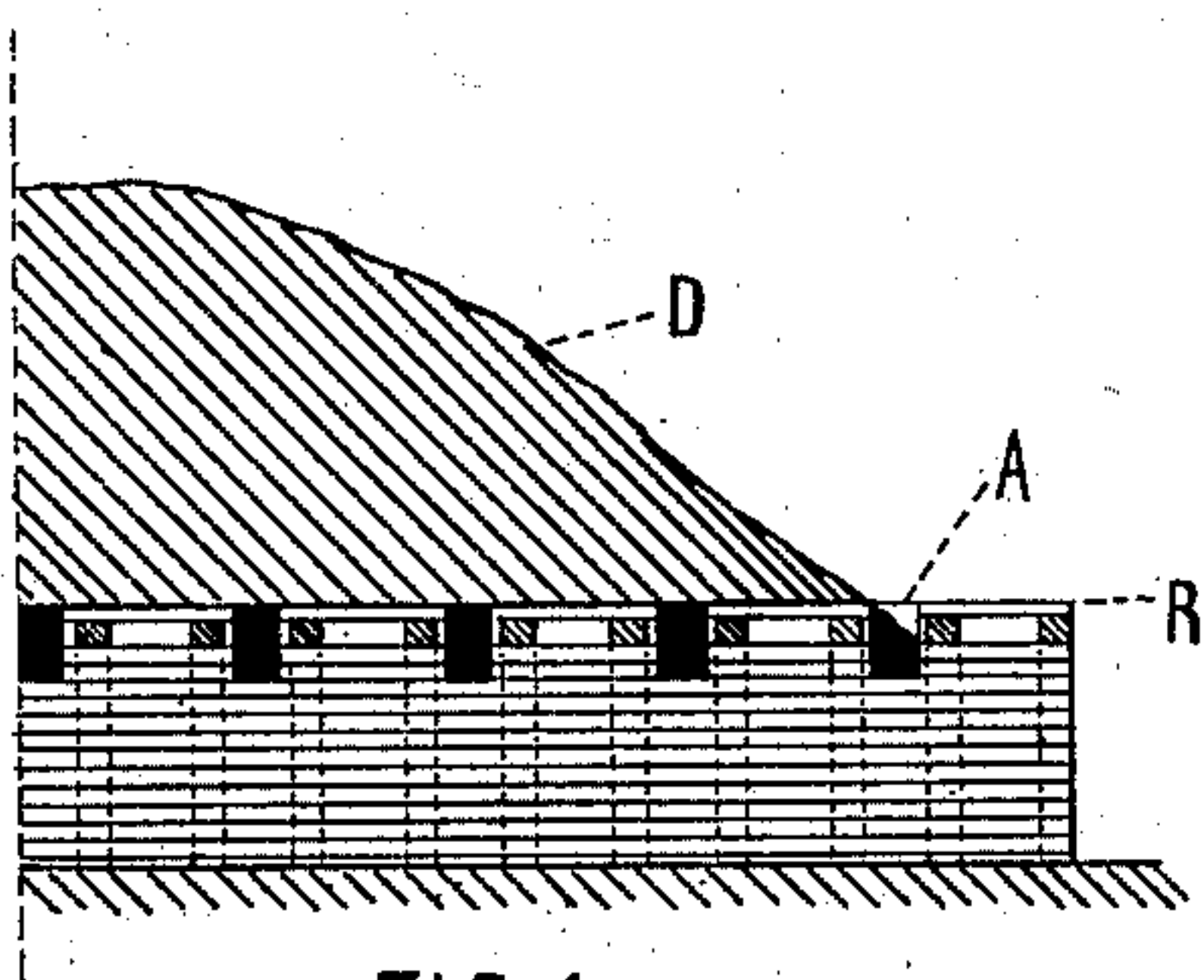


FIG. 1.

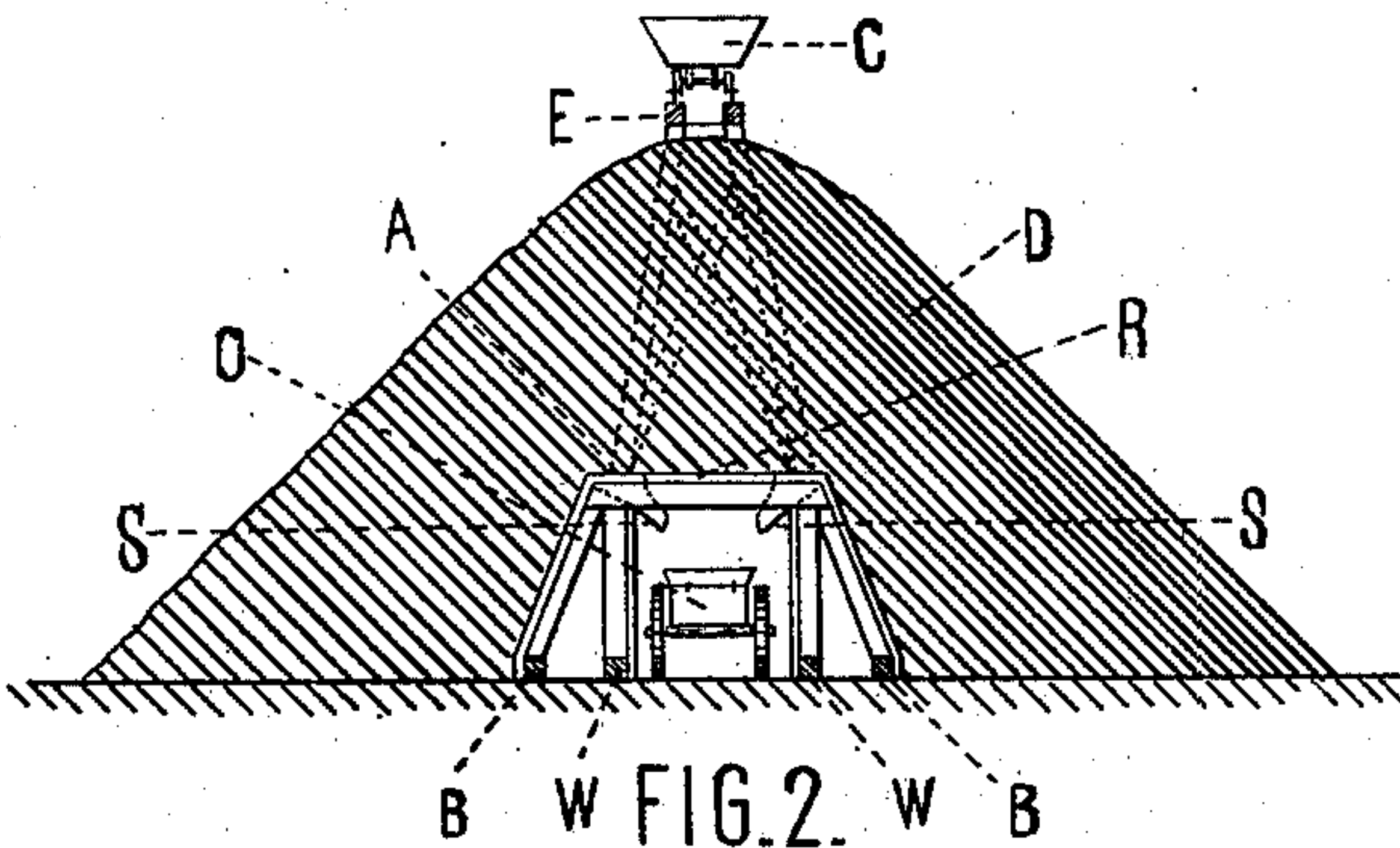


FIG. 2.

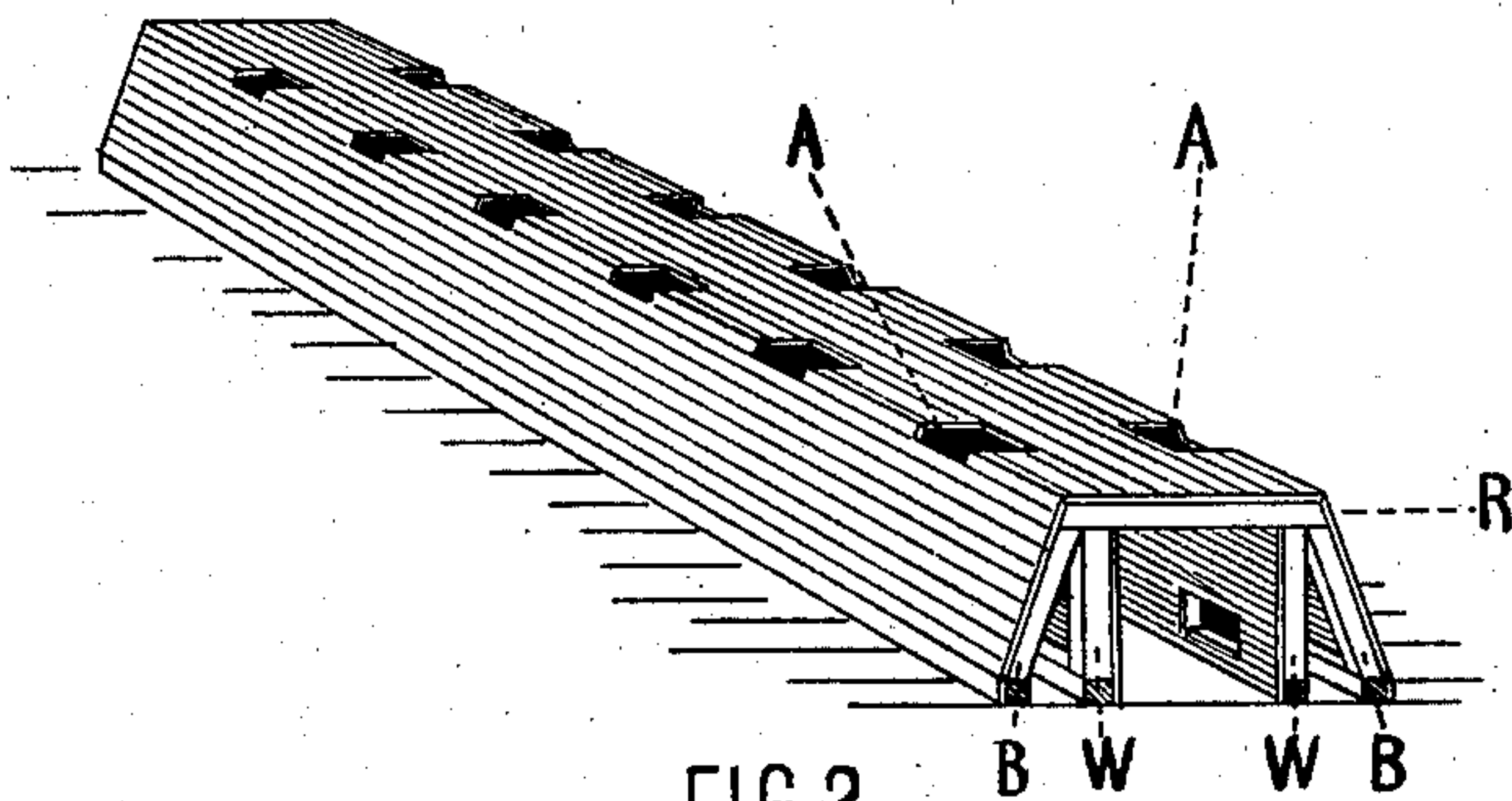


FIG. 3.

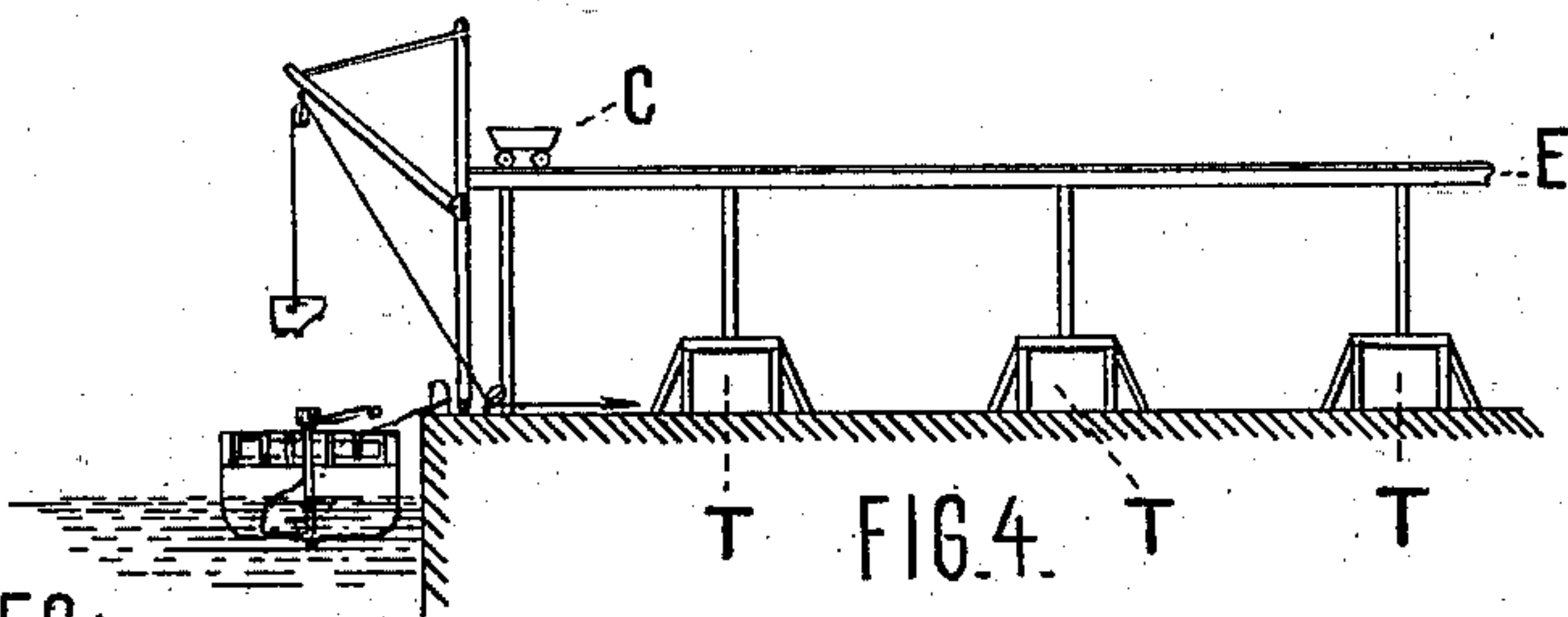


FIG. 4.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES W. HUNT, OF NEW BRIGHTON, NEW YORK.

## DEVICE FOR LOADING COAL.

SPECIFICATION forming part of Letters Patent No. 239,328, dated March 29, 1881.

Application filed February 7, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES W. HUNT, of New Brighton, county of Richmond, and State of New York, have invented a new and useful Improvement in Devices for Loading Coal, which improvement is fully set forth in the following specification and accompanying drawings.

The object of my improvement is to provide an artificial passage-way or gallery arranged in a manner to facilitate the removal of coal through apertures in the top or sides when the passage-way is covered by or submerged in coal, thereby obviating the delay heretofore occasioned by shoveling when loading vehicles, &c., such passage-way or gallery being dedicated to the use of dealers in coal.

Figure 1 represents a longitudinal section of my artificial passage-way, indicated as being covered with coal. Fig. 2 represents a vertical transverse section through the same, shown as supporting an elevated path or railway, E, parallel to said passage-way; Fig. 3, a perspective view of the passage-way, Fig. 4 representing end elevations of a series of passages or galleries, T, supporting an elevated path or railway, E, arranged transversely to said passages.

My artificial passage-way or gallery is to consist of the walls W W, suitably braced by the outer walls, B B, and covered by a roof or top, R, which latter is provided with apertures A, arranged at suitable distances apart, Fig. 3. The apertures A are furnished with suitable sluices, gates, or slides, S, Fig. 2, by the manipulation of which the apertures may be opened or closed and the coal, in its influx from the coal-deposit D above the top, readily directed into the cart O. Above the tunnel a suitable elevated path or railway, E, is arranged, Figs. 2 and 4, which is traversed by a

wheelbarrow or car, C, for conveyance of the coal.

The cart O being placed in position, it is but necessary to open the slide S, when the coal will by gravity shoot into the cart. This operation may be repeated until the coal above to top R has been disposed of, and is obviously a rapid and economical method of loading the cart or vehicle. The coal each side of the passage-way and below the openings A must necessarily be removed in the ordinary manner, or to obviate which earth can be thrown up each side of the passage-way as high as may be thought advisable.

It is also apparent that the passage-way may be constructed in a trench, rendering the former partially below the surface.

I do not confine myself to the use of a passage-way consisting of the walls W W B B and the top R, as shown, as it is obvious that an arched passage-way, or one being a modification of both, having apertures A and sluices or slides S above the top of the cart or vehicle to be filled, would equally well answer the purpose intended; nor do I limit myself to its use in handling of coal, as such passage-way may be appropriated to the loading of minerals, ores, or other material.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

An artificial covered passage-way with openings in the sides or top, intended to be covered with coal or other material which is to be loaded into vehicles through said openings, substantially as shown and described.

C. W. HUNT.

Witnesses:

CHS. F. PRENTICE,  
J. G. FREEMAN.