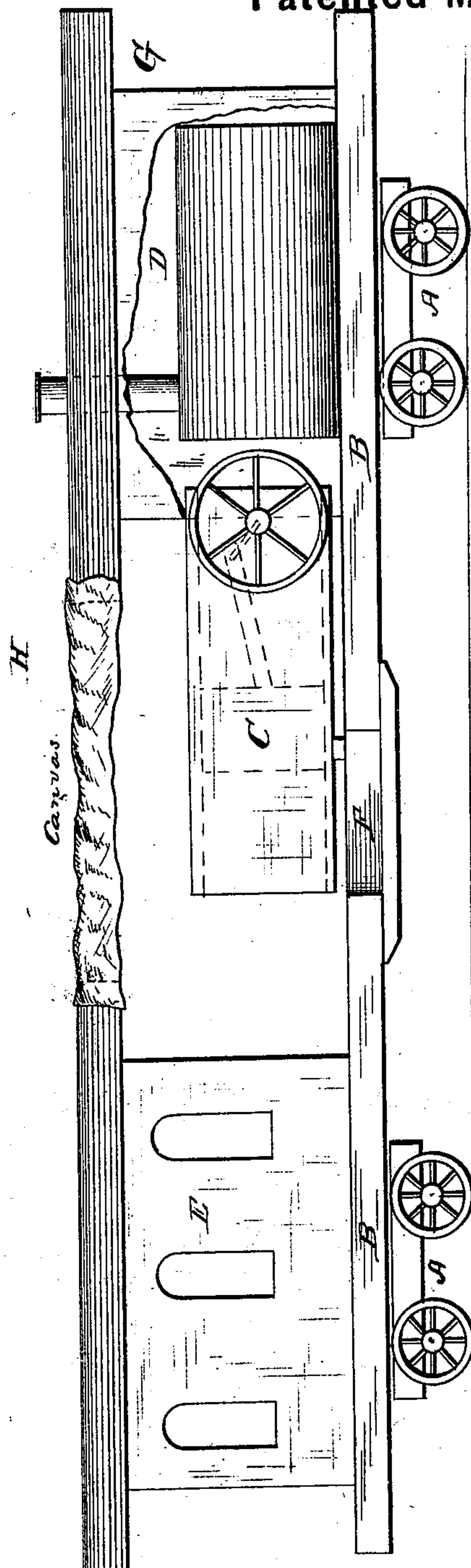


P. K. DEDERICK.  
Hay-Baling Machine.

No. 227,677.

Patented May 18, 1880.



Witnesses,  
Frank L. Curran  
W. C. Jindiston

Inventor,  
Peter K. Dederick  
By H. H. Vellum  
His Attorneys

# UNITED STATES PATENT OFFICE.

PETER K. DEDERICK, OF ALBANY, NEW YORK.

## HAY-BALING MACHINE.

SPECIFICATION forming part of Letters Patent No. 227,677, dated May 18, 1880.

Application filed February 8, 1878.

*To all whom it may concern:*

Be it known that I, PETER K. DEDERICK, of Albany, in the county of Albany and State of New York, have invented a certain new and Improved Hay-Baling Machine; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which the figure is a side elevation of my improved baling-machine, partly in section.

My invention has for its object to provide a machine or apparatus for baling hay which can be moved from station to station on a railroad-track, for the purpose of baling scattering or small lots of hay which could not otherwise be put upon the market in bales, because the expense of buying and operating a separate or permanent press at each point would be too great.

The means of carrying my invention into operation are shown in the accompanying drawing, wherein—

B is the platform of a car mounted upon suitable trucks A. C is a horizontal or procumbent baling-press mounted upon the platform, and attached thereto in any convenient manner to prevent it from becoming displaced during transportation and operation. D is the steam boiler and engine, also mounted upon and attached to the platform at one end thereof in such position that the engine can be easily connected to the press by a belt, or in any well-known manner.

The motor is inclosed by a suitable house, G, to protect it from the weather, which house may also serve to contain fuel and other stores. The opposite end of the car is provided with a store-house, E, for the finished bales, as shown.

The engine-room and store-house may be, either or both, used for cooking, eating, and sleeping rooms, and may be provided with berths for the latter purpose. Either room may also serve for an office.

The press is located between the engine and store-rooms, and that portion of the car immediately over it is made open for supplying hay to the press; but the opening is provided with a canvas cover, H, by which it may be closed, when necessary, to exclude rain or snow from the press. The sides of the car

should be so constructed as to be removable for a like purpose. The press can therefore be protected against the weather, and completely inclosed when not in use and during transportation.

F is a recess or depression in the platform B, on one or both sides of the press, in which the workman stands while tying off the bales, in order to bring him to the proper height for performing his work in the easiest and most expeditious manner. If desired, the entire press may be let down into or through the platform for this purpose.

The machine is attached to an ordinary freight-engine and drawn to the point of operation, where it is switched off on a side track. To operate it the boiler is fired up, the proper connections made or adjusted between the engine and press, when the press is ready for operation. The loose loads of hay are drawn alongside of the car and pitched upon a staging provided for the workman whose business it is to feed the press. It is then fed to the press, and the baling proceeds in the usual manner.

When the continuous press is used the baling proceeds so rapidly that a store-house for loose hay is not required.

The machine would be hardly practicable with any other class of presses, yet it might be used with others, in which case a store-room for the loose material would be required.

Instead of employing a single car, two cars may be used, one containing the press and the other the motor, the two being coupled together so as to produce the same combination.

For baling cotton a cotton-gin may be added to the car and the store-room used for a lint-room. A condenser might be added, if deemed necessary.

I claim as my invention—

The combination of the baling-press, arranged on the car-platform in the open space between the cabins, and a depression, F, in the platform for the operator to stand in, substantially as and for the purpose described.

P. K. DEDERICK.

Witnesses:

R. J. VAN SCHOONHOVEN,  
W. A. SKINKLE.