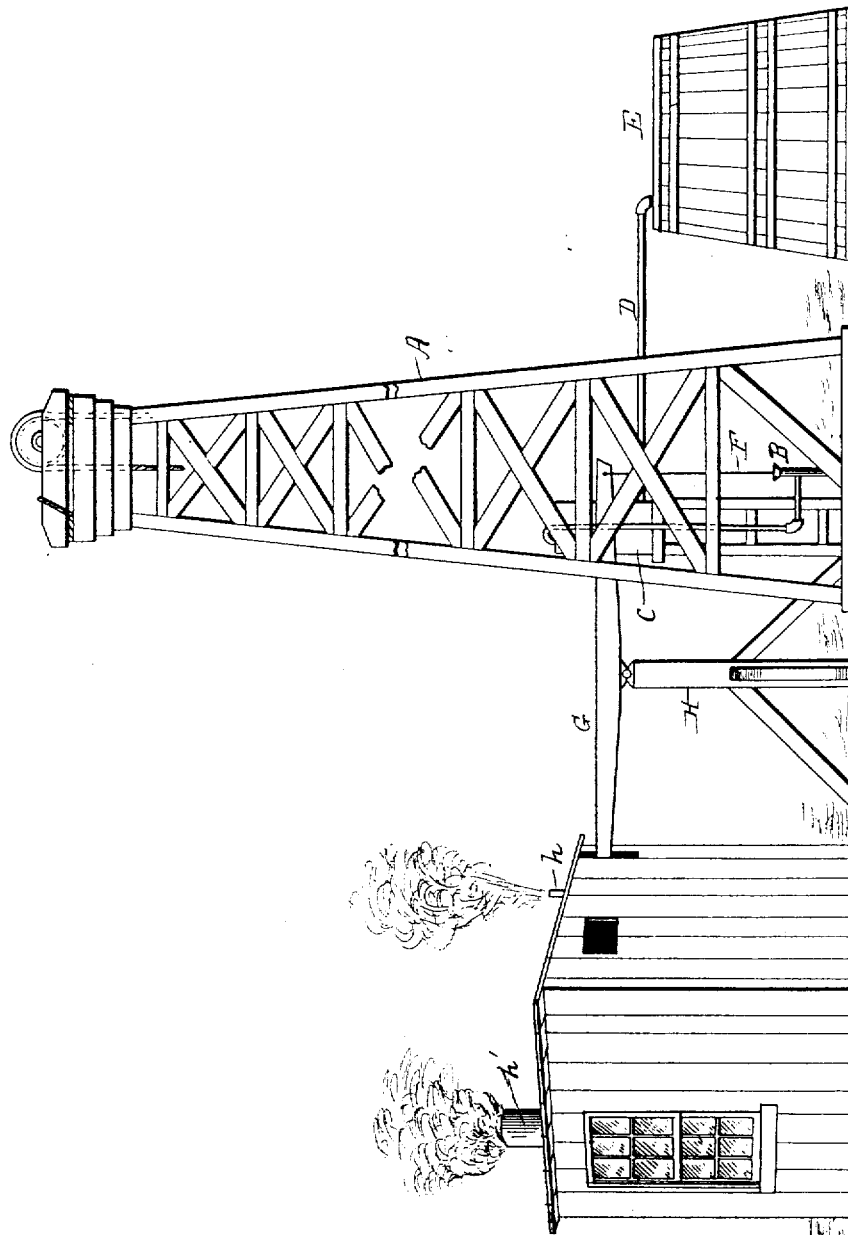


(No Model.)

J. HART.  
STAGE SETTING FOR THEATERS.

No. 454,471.

Patented June 23, 1891.



Witnesses

Samuel Ker.  
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# UNITED STATES PATENT OFFICE.

JOSEPH HART, OF NEW YORK, N. Y.

## STAGE-SETTING FOR THEATERS.

SPECIFICATION forming part of Letters Patent No. 454,471, dated June 23, 1891.

Application filed February 20, 1891. Serial No. 382,237. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH HART, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Stage-Settings for Theaters; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in stage-settings or scenic representations for theaters, and has for its object the provision of a representation of an oil-well in action, with its engine-house on one side giving off steam and smoke and tank upon the other side, and in connection therewith the representation of a natural-gas pipe spouting a flame of lighted gas.

In carrying my invention into practice I provide a column or crane of the usual or any desired pattern having the ordinary appliances for operating and working the pump, a walking-beam connected to the pump-rod and extending into the power or engine house, discharge pipe or trough, and a tank. I may, if desired, actually pump a liquid into the tank through the discharge-pipe; but for the purposes of scenic representations such will not be generally necessary. The outer end of the walking-beam extends into or back of the power-house and can be worked by an attendant. At a suitable point near the well the representation of a gas-pipe sunk into the ground and spouting an actual flame is provided to indicate the usual natural-gas pipe which is commonly sunk and lighted near oil-wells. The flame for scenic effect may be produced by the ordinary blow-pipe held in suitable position by an attendant. Other devices may be added, if desired.

The accompanying drawing illustrates an elevation of my stage-setting, showing the parts in substantially the required positions. Only the general outline and important features of the parts will be designated by letter.

A is the column of any suitable construc-

tion, at the base of which is provided the usual pumping apparatus B and filling-tank C, from which the discharge pipe or trough D extends out to the tank E.

F is the pump or piston rod connected to one end of the walking-beam G, which is fulcrumed on a post H and extends into or back of the engine-house, where it can be worked by an attendant or in any other suitable manner. This beam will be kept in motion in the usual way in oil-wells during such part of the scene as may be desired. Above the engine-house extends the steam-blow-off pipe *h*, from which steam is emitted by any suitable means at such times as is desired during the play, and *h'* is the smoke-stack emitting smoke, sparks, &c., as from the engine, when desired.

The gas-pipe I is placed at any suitable relative position to the other parts, and by means of a blow-pipe (not shown) it is caused to emit a flame resembling the flame from a gas-pipe at an oil-well. The blow-pipe can be managed by a boy or other attendant.

The scene may be set up in any manner desired and the parts shown in any relative arrangement, as the effects in the house or requirements of the situation may demand.

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

1. A stage-setting comprising an oil-well having a column, a walking-beam at one side thereof, and a tank and pipe on the opposite side thereof, substantially as set forth.

2. A stage-setting consisting of a representation of an oil-well and tank, a walking-beam capable of oscillation, and a gas-pipe for spouting flame, as set forth.

3. A stage-setting consisting of a representation of an oil-well having a column and tank, a walking-beam capable of oscillation, and an engine-house having a blow-off pipe and a smoke-stack for emitting steam and smoke, as set forth.

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

JOSEPH HART.

Witnesses:

I. N. KALB,

F. T. F. JOHNSON.