

(No Model.)

W. S. BLUNT.

STAND FRAME FOR HOISTING.

No. 258,548.

Patented May 30, 1882.

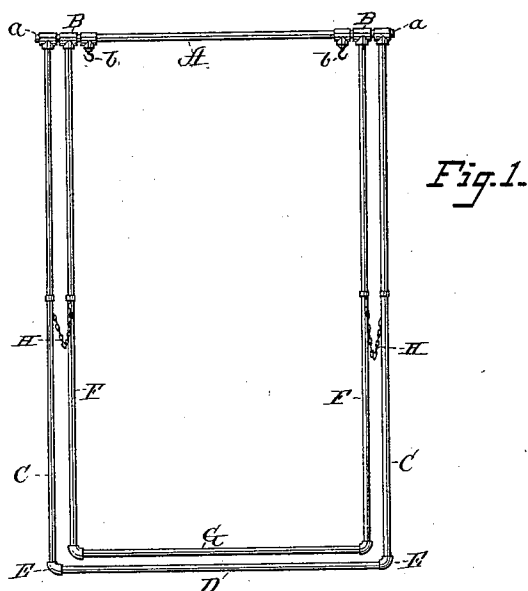


Fig. 1.

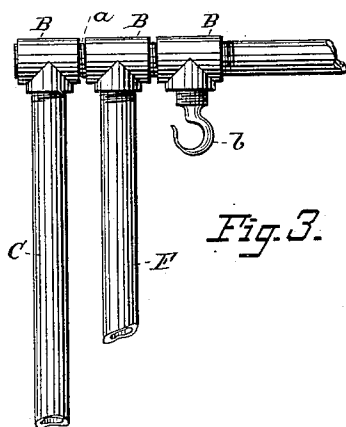


Fig. 3.

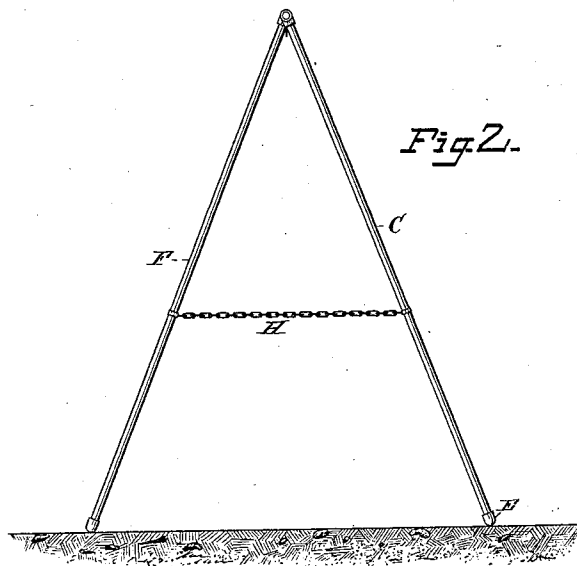


Fig. 2.

WITNESSES:

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WILLIAM S. BLUNT, OF NEW YORK, N. Y., ASSIGNOR TO CATHARINE S. BLUNT, OF SAME PLACE.

STAND-FRAME FOR HOISTING.

SPECIFICATION forming part of Letters Patent No. 258,548, dated May 30, 1882.

Application filed April 28, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. BLUNT, of the city, county, and State of New York, have invented, made, and applied to use an Improved
5 Stand-Frame for Hoisting and Lowering Bar-
rels or Cargo, for Derricks, for Weighing-Ma-
chines, and other Purposes; and I do hereby de-
clare that the following is a full, clear, and cor-
rect description of the same, reference being had
10 to the accompanying drawings, and to the let-
ters of reference marked thereon, in which—

Figure 1 is a view of my improved stand-
frame folded. Fig. 2 is a view of the same
opened for use. Fig. 3 is a view showing in
15 detail the mode of manufacture.

In the drawings like parts of the invention
are pointed out by the same letters of refer-
ence.

The nature of the present invention consists
20 in improvements in the construction of stand-
frames for the purposes indicated, as more
fully hereinafter set forth, the object of the in-
vention being the production of a stand-frame
that shall be compact, possess great strength,
25 and one that can be afforded at a low price to
the consumer.

To enable those skilled in the arts to make
and use my invention, I will describe the con-
struction and operation of the same.

30 A shows a strong hollow rod, usually formed
of iron pipe, having a screw-thread, *a*, cut on
both ends of sufficient length to allow three T's,
B, to be successively screwed upon it at each
end, and these T's are screwed upon the rod
35 A, so that one thread is left between each T, and
thus a free but firm, smooth hinge movement
is secured for the entire upper part of the
frame, the upper rod moving and each of the
six T's moving separately and independently.
40 To the two extreme outside T's two upright
tubes, C, of equal length are screwed in with
right and left elbows E at the lower ends fac-
ing each other, and a bottom rod or tube, D,
of the same length as the rod A is screwed into

these elbows E, binding the whole together 45
and forming the outside half of the frame.
The inside half of the frame is similarly formed,
two upright tubes, F, being screwed into the
two next outside T's, and being connected and
50 firmly braced at the bottom by a rod, G, suffi-
ciently long to allow this second portion of the
frame to be folded within the outside frame.
The remaining T's are supplied with hooks or
rings *b*, as may be required for supporting or
55 swinging purposes. They have, with the out-
side T's or hinges, a free, firm, and independ-
ent movement, combining great strength in
all directions, with economy in use, as the
screw-thread offers a much larger wearing-sur-
face, and its V shape causes it to make its own 60
thread in wearing, while the frame is bound
together with great strength.

To prevent the frame opening too far when
in use, chains H are applied half-way up to
divide the leverage upon the top hinge, and at 65
the same time assist the upright tubes in sup-
porting a heavy weight or vertical strain.

The frame thus constructed will be found
particularly useful for hoisting or lowering
purposes and for weighing purposes, and the 70
suspension-points—the T's provided with the
hooks or rings *b*—are placed where the frame
affords the greatest vertical support.

Having now set forth my invention, what I
claim as new is— 75

In a stand-frame for hoisting or lowering
purposes, the combination of the following ele-
ments: a screw-threaded rod, A, the T's B,
the upright rods C and F, the right-hand and
left-hand elbows, E, and the bottom rods, D 80
and G, the same being constructed and oper-
ating substantially as and for the purposes set
forth.

WILLIAM S. BLUNT.

In presence of—

WILLIAM V. H. HICKS,
A. SIDNEY DOANE.