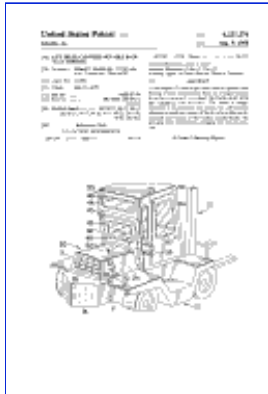


[About this patent](#)[Read this patent](#)**Lift truck cab with movable back wall portion** Robert P. Martin et al[Read this patent](#)[Download PDF](#)[View patent at USPTO](#)[Abstract](#) | [Drawing](#) | [Description](#) | [Claims](#)**Abstract**

A rear engine lift truck is provided with an operator cab having a back wall portion fixed to a hinged engine hood for concurrent movement therewith apart from the remaining cab structure. The hood is hinge-mounted at its forward end within the cab interior wherein upward movement of the hood provides unobstructed rear access to the engine compartment, the movable back wall portion swinging into the cab interior.

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Citations**Claims**

What is claimed is:

1. In a rear engine lift truck having a wheel-supported body with a rearwardly located engine compartment enclosed in part by an upwardly movable hood hinge mounted at its forward end to the body, an operator cab mounted on top of the body comprising:

a front panel, a pair of side panels, and a top panel, at least one of the side panels providing door means for operator access and egress; and a back panel having a portion fixed relative to the front, side and top panels, and a movable portion fixed to the movable hood, the panels collectively defining a generally cubical cab interior, the hinged forward end of the hood extending into the cab interior, the movable portion of the back panel being swingable into the cab interior and separable from the fixed portion of the back panel when the hood is raised upwardly for pivotal movement about its hinged forward end.

2. A cab according to claim 1, wherein the fixed and movable portions of the back panel each provide peripheral edge areas sealingly engageable in abutting relationship with each other when the movable hood is in a closed position.

3. A cab according to claim 2, wherein at least one of the peripheral edges includes an elastomeric seal means.

4. A cab according to claim 1, wherein the movable portion of the back panel is generally perpendicular to the side panels when the movable hood is in a raised position.

5. In a rear engine lift truck having a wheel-supported body with a rearwardly located engine compartment enclosed in part by an upwardly movable hood hinge mounted at its forward end to the body, an operator cab mounted on top of the body comprising:

a generally vertically extending front wall having a centrally located transparent windshield area;

Patent Number	Title	Issue date
3866969	(unknown)	Feb 1975
4079985	Cab for industrial truck	Mar 21, 1978

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a pair of parallel, generally vertically extending sidewalls connected at their front edges to the front wall and extending rearwardly from the front wall, each of the sidewalls including movable window-providing door panels for operator access and egress;

a generally horizontal top panel abutting and connected to the top edges of the front and sidewalls; and

a generally vertically extending back wall generally parallel to the front wall and having its side edges and top edge connected respectively to the side walls and top panel to define a generally cubical cab interior, the back wall including a centrally located movable portion fixed and mounted to the hood, the hood having its hinged end rotatable on an axis forward of the back wall and rearward of the front wall, the axis being perpendicular to the side walls, the movable portion of the back wall being revolvable about the axis when the hood is raised upwardly for pivotal movement about its hinged forward end with the movable portion of the back wall swinging into the cab interior.

6. A cab according to claim 5, wherein a peripheral edge provided by the movable portion of the back wall is spaced by a predetermined distance from and is immediately adjacent to a peripheral edge provided by a fixed portion of the back wall, the cab further including a deformable elastomeric seal interposed between and sealingly engaged with the peripheral edges.

7. A cab according to claim 6, wherein the deformable elastomeric seal is mounted to the peripheral edge of the fixed portion of the back wall.

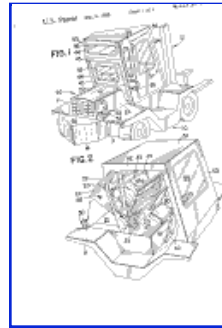
8. A rear engine lift truck comprising:

a wheel-supported body having a front end, and a rear end providing an upwardly opening engine compartment;

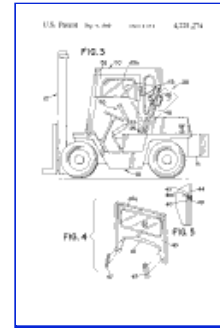
a normally horizontally extending movable hood for closing the upwardly opening engine compartment, the hood being hinged to the body for upward pivotal movement;

a generally cubical panel-formed vehicle cab mounted on top of the wheel-supported body and extending at least partially over the forward end of the movable hood, the cab including a movable back wall portion mounted to the hood, the movable back wall portion being constructed and arranged to swing into the interior of the cab when the hood is raised upwardly for access to the engine compartment.

Drawings



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