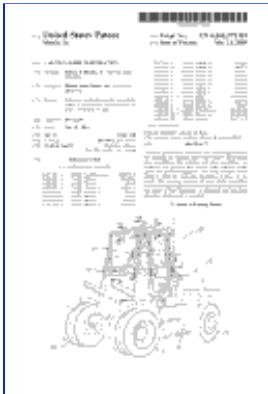


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Martin Cab

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[About this patent](#)[Read this patent](#)**Cab enclosure construction** Robert P. Martin et[Read this patent](#)[Download PDF](#)[View patent at USPTO](#)[Abstract](#) | [Drawing](#) | [Description](#) | [Claims](#)**Abstract**

A system, particularly suited for after market applications, for enclosing an overhead guard with window and prehung door assemblies. The window and door assemblies are arranged with portions that overlie outer surfaces of the guard and portions engageable with inner surfaces of the guard to retain the respective assemblies in place on the guard. The retaining structure of each of the assemblies extends through original vision or ingress/egress openings in the guard so that installation is simplified and structural alteration of the guard is avoided.

Patent number: 6561572**Filing date:** Jan 31, 2001**Issue date:** May 13, 2003**Inventors:** Robert P. Martin, Jr.**Assignees:** Martin Sheet Metal, Inc.**Primary Examiner:** Joseph D. Pape**Attorney:** Pearne & Gordon LLP**Application number:** 9/775,397**U.S. Classification**
[296/190.1](#); 29619011**International Classification****Claims**

What is claimed is:

1. An off road land vehicle having a cab originally fabricated with metal sheet material, the cab including at least one uninterrupted window area with a perimeter, the window area perimeter being formed by said sheet material and having a substantially closed boundary, and a glazing unit on one side of the sheet material for enclosing the window area, the glazing unit including a rigid peripheral framework having dimensions larger than the window area and a sheet of safety glazing carried by the framework, the framework being secured to the cab by fasteners extending through the window area and within its boundary, the fasteners being arranged to apply a retaining force on a side of the sheet material opposite said one side for holding the glazing unit in place.
2. An off road land vehicle as set forth in claim 1, wherein said cab includes an opening for ingress and egress of an operator, a generally rectangular door jamb assembled onto said cab in said opening, a door, adapted to be prehung on said door jamb, said door being hinged on said door jamb.
3. An off road land vehicle as set forth in claim 2, wherein said door jamb is secured to said cab by clamping elements disposed on opposite sides of said ingress and egress opening.
4. A method of glazing a cab for an off road vehicle having at least one window area surrounded by rigid structure, the window area being uninterrupted and having a perimeter formed by a single layer of metal sheet stock that is a part of the original metal cab fabrication, comprising providing a rigid perimeter frame, larger than the window area, with safety glazing, positioning the perimeter frame with the safety glazing mounted thereon across the window area on one side of the metal sheet stock, securing the perimeter frame to the cab structure with fasteners extending through the window area and anchored by elements contacting the other side of the metal sheet stock, the fasteners being arranged so

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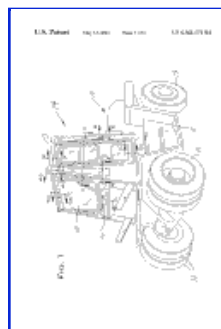
Citations

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3967859	Vandal latch for preventing removal of a pop-out type vehicle window	Jul 6, 1976
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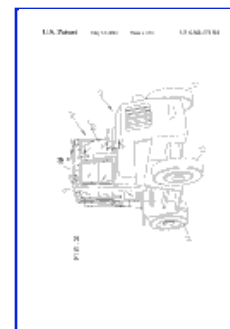
that when tightened, they draw the perimeter frame towards the rigid structure and thereby secure it to the rigid structure.

5. A kit for enclosing an overhead guard of an off road vehicle comprising at least one window assembly and one door assembly, the window assembly including a rigid perimeter frame and a safety glazing panel, the safety glazing panel being secured to the perimeter frame and covering an area bounded by the perimeter frame, the window assembly being adapted to overlie an original window face area of said overhead guard and including retaining structure adapted to extend through a plane defined by outward facing window area surrounding surfaces of the original guard formed by a single layer of sheet metal that is part of the original overhead guard fabrication and that forms the boundary of the original window area between a pair of generally upright corners of the guard and adapted to engage inwardly facing surfaces of said sheet metal to retain the window frame on the outward facing surfaces of said sheet metal, the door assembly including a frame with a generally rectangular configuration including a pair of generally vertical jambs and a door hinged on the frame, the frame including flange elements adapted to engage outwardly facing door frame receiving surfaces of the overhead guard and retaining structure adapted to extend through a plane defined by said outwardly facing door frame receiving surfaces and engage inwardly facing surfaces of the guard to retain the door frame on said outwardly facing door frame receiving surfaces.

Drawings

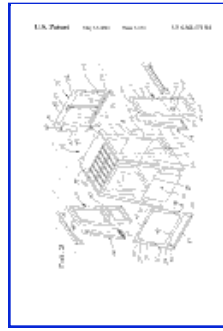


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5286081	Panel cab	Feb 15, 1994
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