

DA06-DEC-283

STATE OF FLORIDA
BUILDING COMMISSION

Petition for Declaratory Statement;

Date; 11-6-06

Petitioner;

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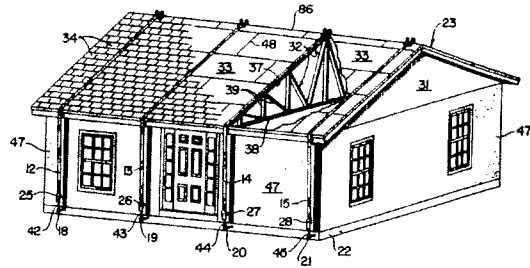


FIG. 1

U.S. Patent
Jul. 23, 1996
Serial # 4,3
5,537,796

Statutory Provision:

Rule; 9B-72.005

Chapters; (C), Roofing Products;
(G) Structural Components;

DECLARATORY STATEMENT

WE CLAIM;

In preparation; of a building to have its roof structure secured to its vertical wall structure by use of Hurricane Harness tie-downs straps, a plurality of anchor bolts are secured in epoxy to the foundation of the building in pairs, on opposite sides of the building, and a tie-down strap is secured over the ridge of the building between the related anchor bolts. The tie-down strap is connected to said anchor bolts by means of a cargo ratchet device which includes a connector having a key hole slot, which slips over the head of the anchor bolt, permanently fixed to the foundation. The tie-down strap is then tightened by use of the ratchets, placing the roof structure in a mode of compression within itself. The roof structure is pulled down onto the wall structure, and the wall structure is then pulled down to the foundation. The ultimate strength in the combined assembly is dependant upon the foundation of the building, principally in compression with the upper portion of the structure. The Hurricane Harness is specifically designed to increase the wind resistance to residential roof structure frame work in the event of a hurricane. Compliance with the State of Florida's Building Commission under Rule 9B-72.005, meeting the structural requirements of the Florida Building Code, under chapters (c), (g) of said ruling: In addition to; new technologies, techniques and material usage which have been tested where necessary and found to meet the objectives of the State Minimum Building Codes and the Florida Manufactured Building Act of 1979.

Sincerely,

James Lozier
President, Hurricane Harness Corporation

FILING AND ACKNOWLEDGEMENT
FILED, on this date, with the designated
Agency Clerk, receipt of which is hereby
acknowledged.

Miriam Snipes
Deputy Agency Clerk

Date

11/6/06