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The Director of the United States Patent and Trademark Office

Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the *United States of America, and if the inven*tion is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2)or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

David J. Kappos



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(12) United States Patent Radford

(54) ATTACHMENT SYSTEM FOR PANEL OR FACADE

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 1147 days.

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(52) **U.S. Cl.** **52/506.08**; 52/235; 52/506.05; 52/506.06; 52/506.07; 52/474

See application file for complete search history.

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ABSTRACT

7)

Panels (20A, 20B) are attached to extrusions (66A, 66B) by fasteners 90. Clips (70) are attached to a structure (50) by fasteners (35). The extrusions and the clips engage in a manner which allows the panels to move in any direction, as needed, without the panel detaching from the structure and falling. The extrusions also provide for the use of optional reveal strips (87). An extrusion has a restraining area (86), a reveal strip stop area (58), and a T-slot (65). A clip has a T-channel (74), a tensioning stop arm (69), and a secondary reinforcing arm (80). The panels can be installed in rows, in columns, or diagonally, as desired.

25 Claims, 4 Drawing Sheets

