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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

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David J. Kyffos

Director of the United States Patent and Trademark Office



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(12) **United States Patent**
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(54) **HYBRID WINDOW WALL/CURTAIN WALL SYSTEM AND METHOD OF INSTALLATION**

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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 552 days.

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See application file for complete search history.

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(57) **ABSTRACT**

There are currently two major types of exterior building envelope finishing systems: window wall systems, and curtain wall systems. Window wall systems use panels which fit between concrete floor slabs, and hence, are prone to leakage and are not aesthetically appealing. Curtain wall systems are installed proud of the concrete slabs, so have better performance, but are expensive to install. The system of the invention has the high performance of a curtain wall system, with the ease of installation of a window wall system. The invention uses rigid panels which cover the face of a building like a curtain wall system, providing a complete gasketed seal without the need for caulking as in the case of window wall systems. The vertical mullions are notched, so that the mullions can be easily anchored to the upper and lower surfaces of the concrete slabs.

30 Claims, 8 Drawing Sheets

