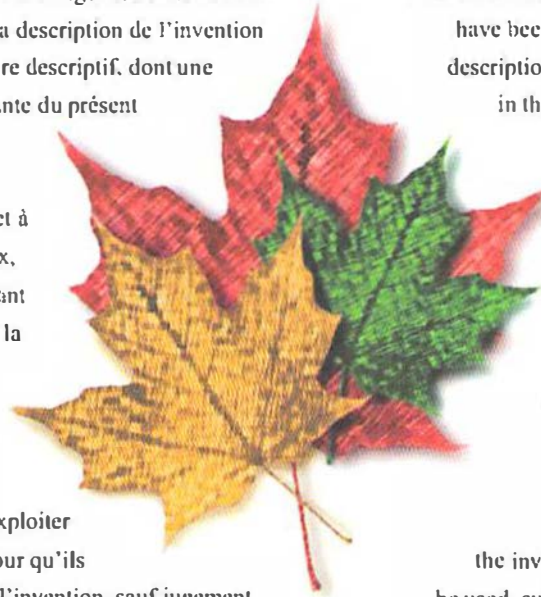




Brevet canadien / Canadian Patent

Le commissaire aux brevets a reçu une demande de délivrance de brevet visant une invention. Ladite requête satisfait aux exigences de la *Loi sur les brevets*. Le titre et la description de l'invention figurent dans le mémoire descriptif, dont une copie fait partie intégrante du présent document.

Le présent brevet confère à son titulaire et à ses représentants légaux, pour une période expirant vingt ans à compter de la date du dépôt de la demande au Canada, le droit, la faculté et le privilège exclusif de fabriquer, construire, exploiter et vendre à d'autres, pour qu'ils l'exploitent, l'objet de l'invention, sauf jugement en l'espèce rendu par un tribunal compétent, et sous réserve du paiement des taxes périodiques.



The Commissioner of Patents has received a petition for the grant of a patent for an invention. The requirements of the *Patent Act* have been complied with. The title and a description of the invention are contained in the specification, a copy of which forms an integral part of this document.

The present patent grants to its owner and to the legal representatives of its owner, for a term which expires twenty years from the filing date of the application in Canada, the exclusive right, privilege and liberty of making, constructing and using the invention and selling it to others to be used, subject to adjudication before any court of competent jurisdiction, and subject to the payment of maintenance fees.

B R E V E T C A N A D I E N

2,860,242

C A N A D I A N P A T E N T

Date à laquelle le brevet a été
accordé et délivré

2015/02/24

Date on which the patent
was granted and issued

Date du dépôt de la demande

2014/08/20

Filing date of the application

Date à laquelle la demande est
devenue accessible au public
pour consultation

2014/10/22

Date on which the application
was made available for
public inspection

Commissaire aux brevets / Commissioner of Patents



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E06B 7/12 (2006.01), *H02G 3/38* (2006.01),
H02S 20/22 (2014.01)

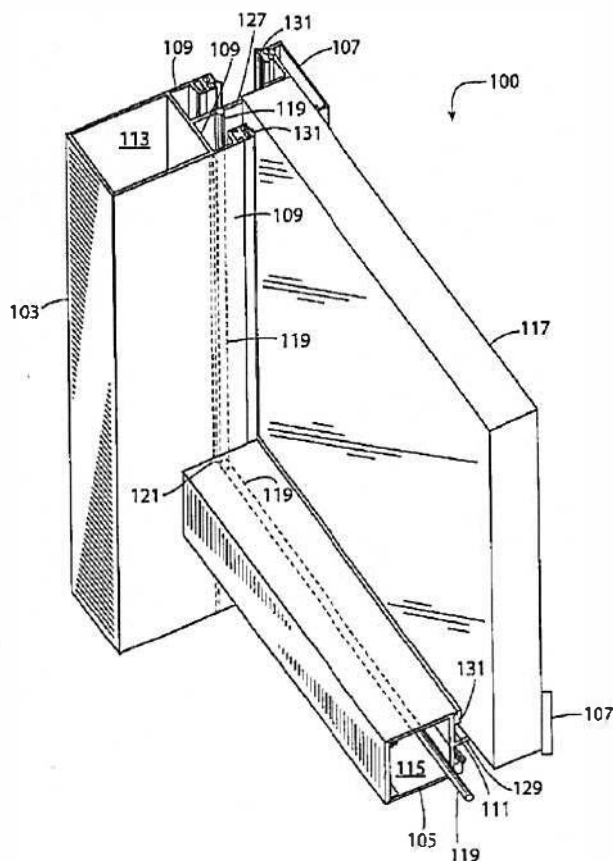
(72) Inventeur/Inventor:
HEADER, GREGORY, US

(73) Propriétaire/Owner:
HEADER, GREGORY, US

(74) Agent: ADE & COMPANY INC.

(54) Titre : ELEMENTS D'ENCADREMENT DE VITRAGE INCLINES ET VERTICAUX STRUCTURES POUR LE CABLAGE ELECTRIQUE

(54) Title: VERTICAL AND SLOPED GLAZING FRAMING MEMBERS STRUCTURED FOR ELECTRICAL WIRING



(57) Abrégé/Abstract:

Disclosed is a vertical or a sloped glazing system that facilitates wire routing from electrically producing or consumptive glazing materials such as solar PV panels or electrochromic glass. The glazing system includes vertical and horizontal framing members,



(57) Abrégé(suite)/Abstract(continued):

each with enclosed cavities and outward facing gutters. The vertical framing member gutter is deeper than the horizontal framing member gutter, creating an offset between the enclosed cavities such that a portion of the vertical wall of the vertical framing member gutter aligns with the enclosed cavity of the horizontal framing member. Electrical wire can be routed from the vertical framing member gutter into the horizontal framing member enclosed cavity through a wire-receiving aperture in the vertical frame member gutter wall portion that is aligned with the horizontal framing member enclosed cavity. This arrangement allows wiring between the outside and inside building environment while minimizing the possibility of water infiltration.

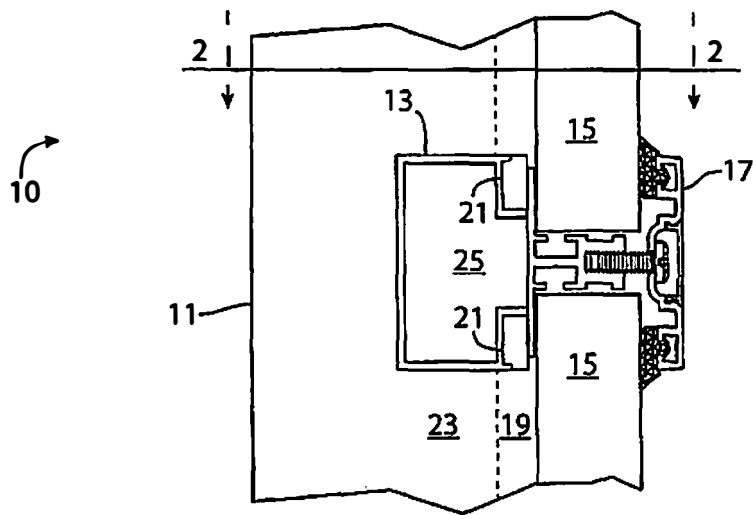


FIG. 1 PRIOR ART

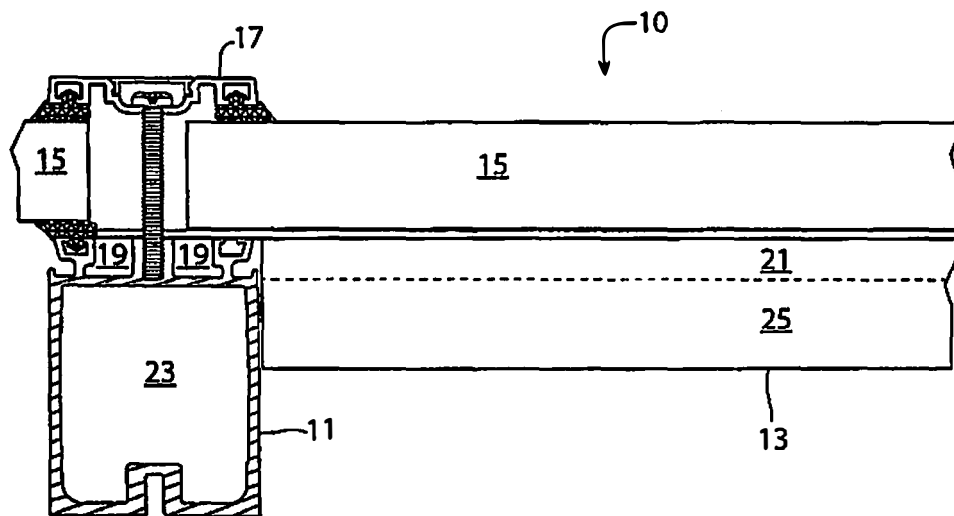


FIG. 2 PRIOR ART

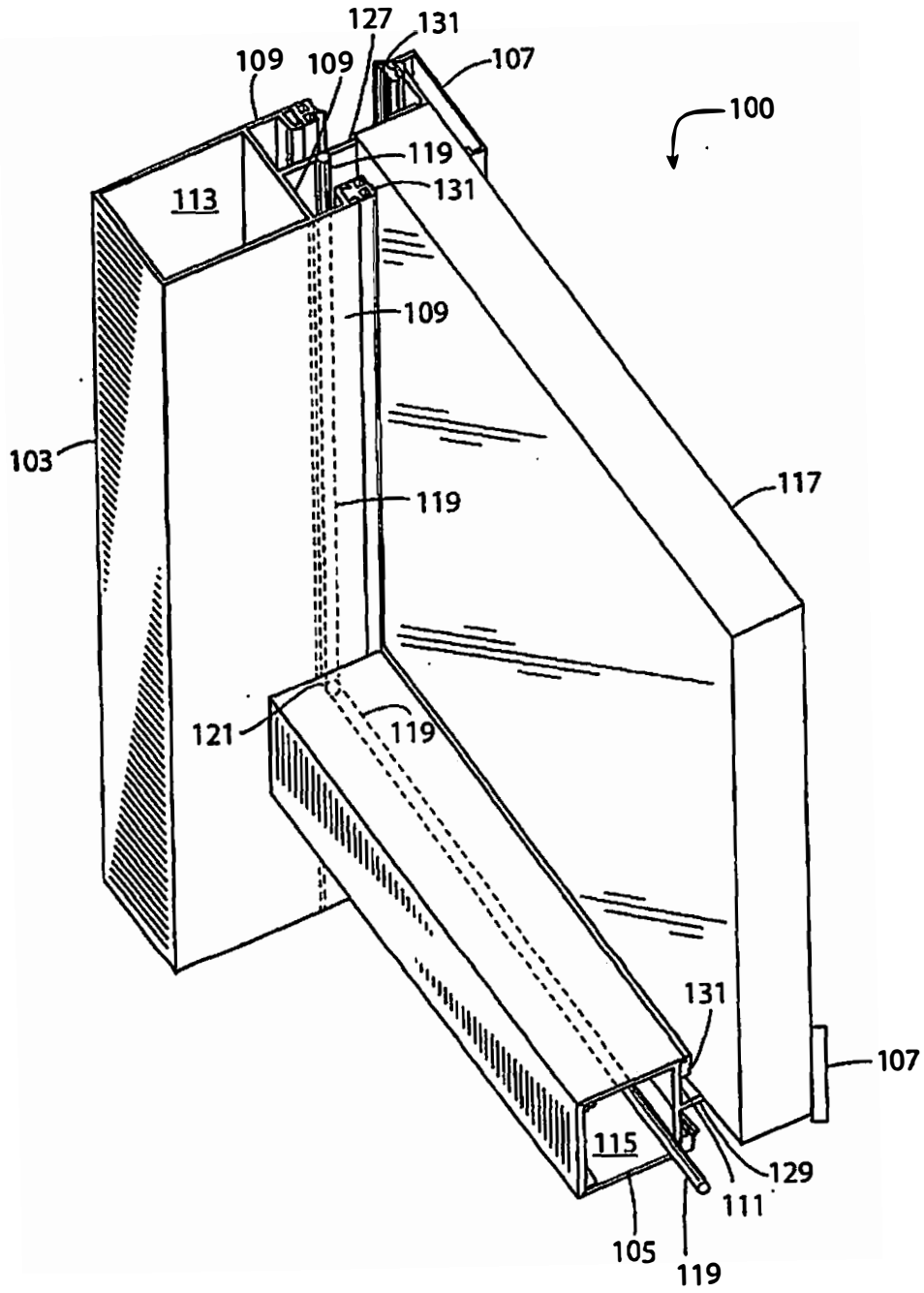


FIG. 3

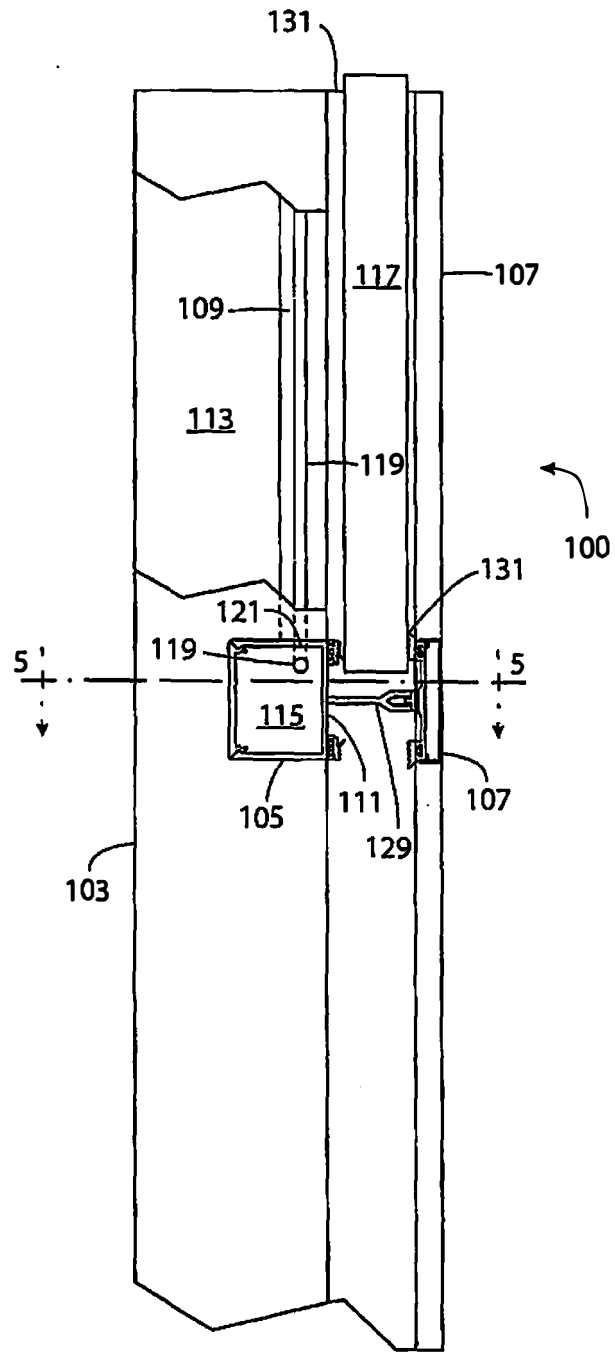


FIG. 4

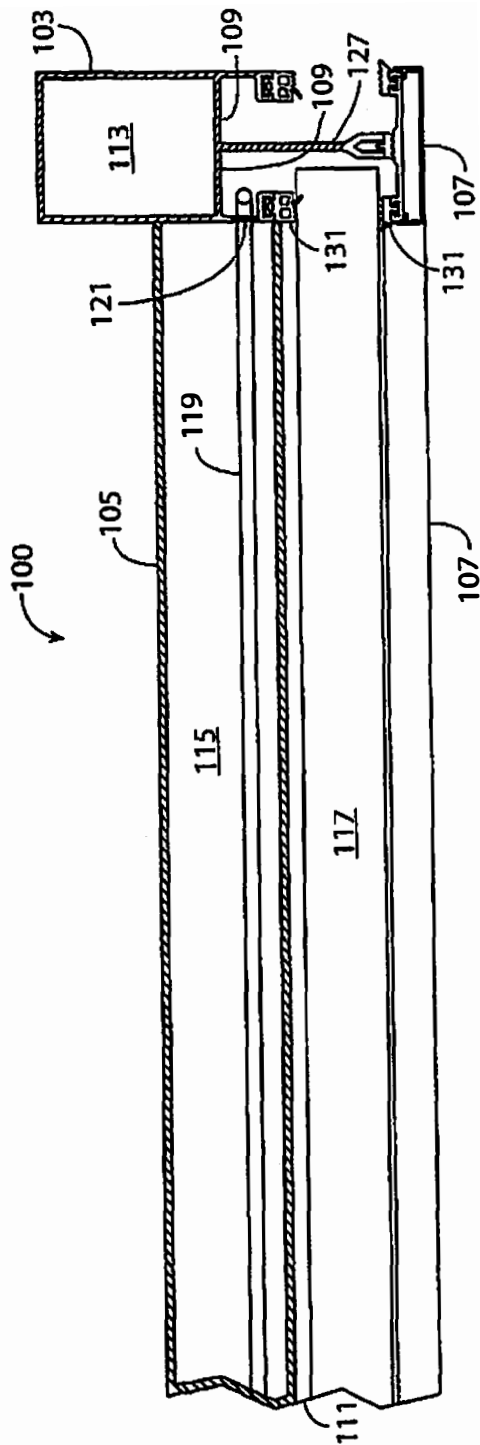


FIG. 5

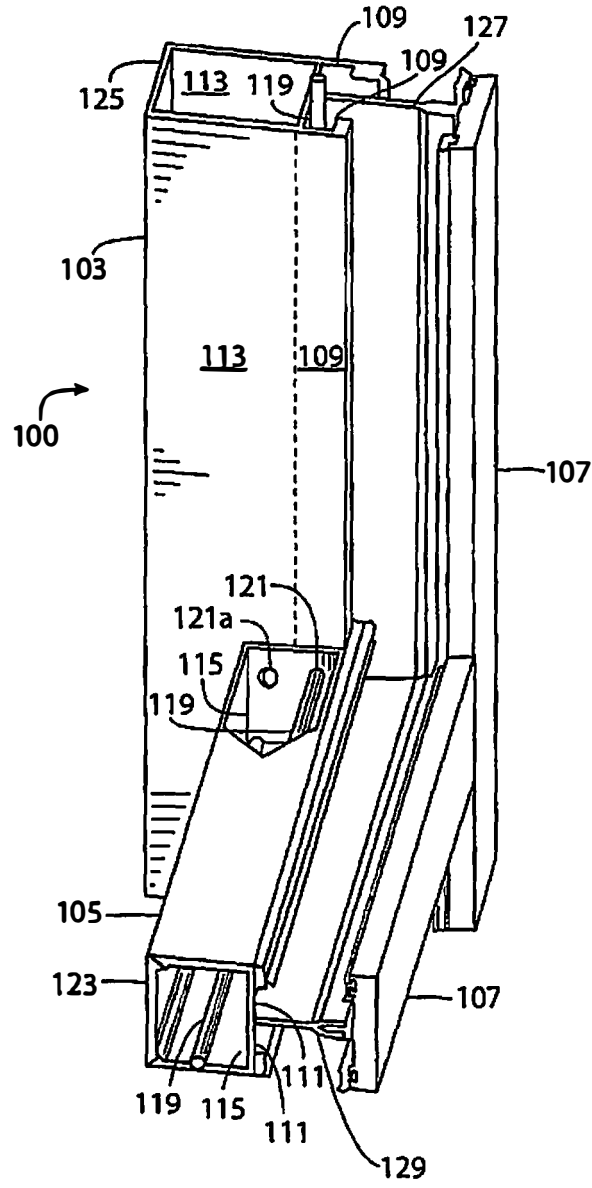


FIG. 6

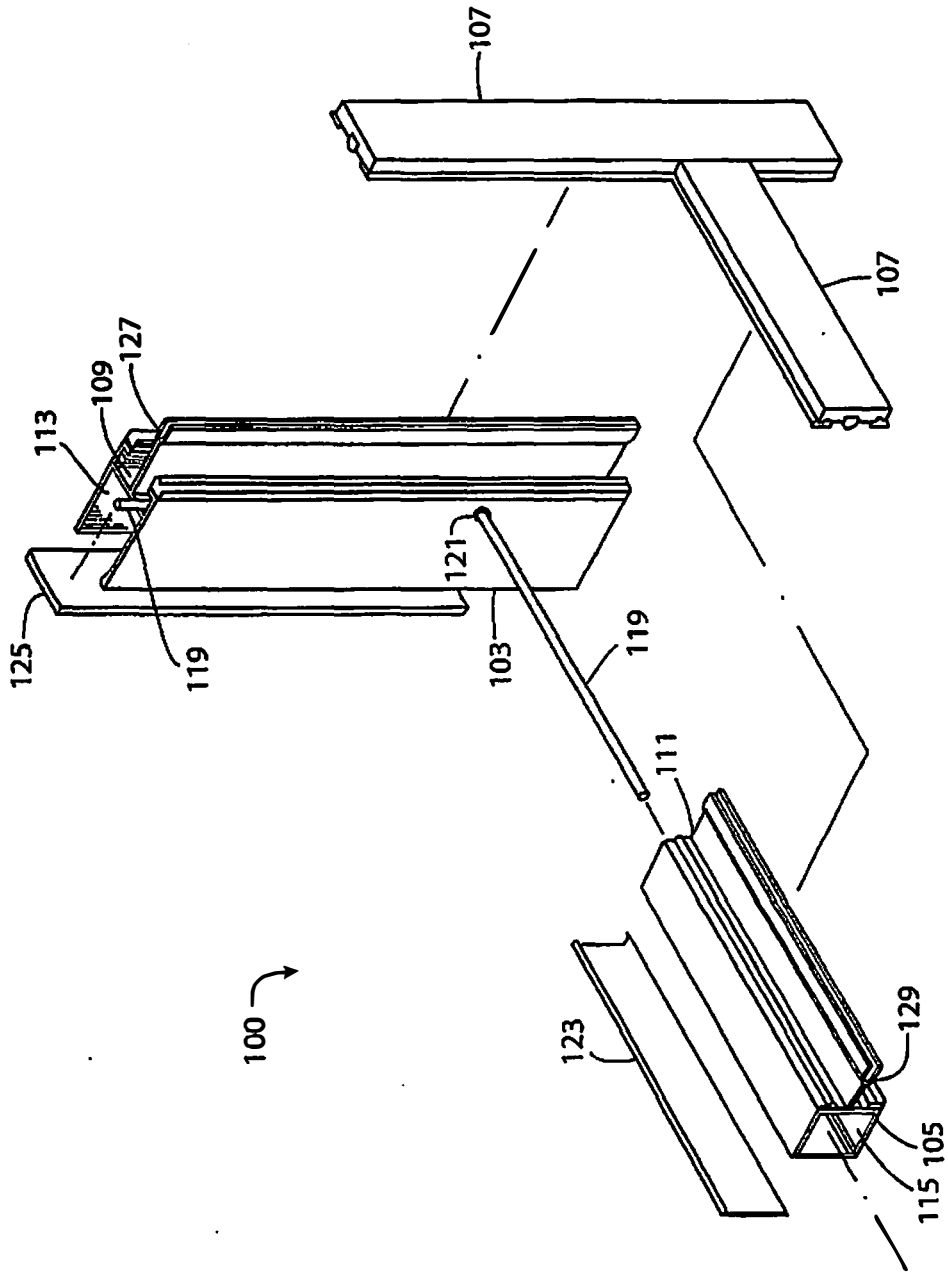


FIG. 7

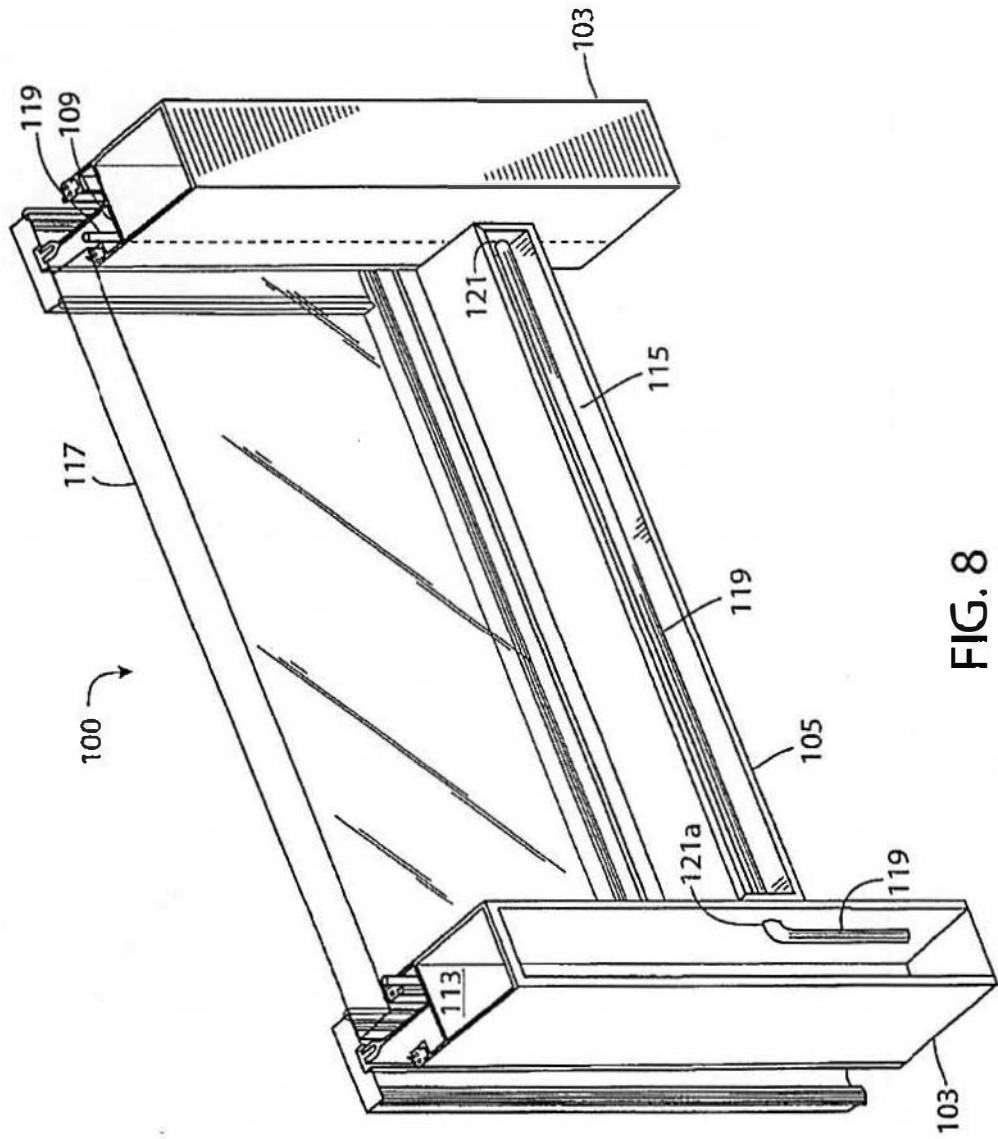


FIG. 8

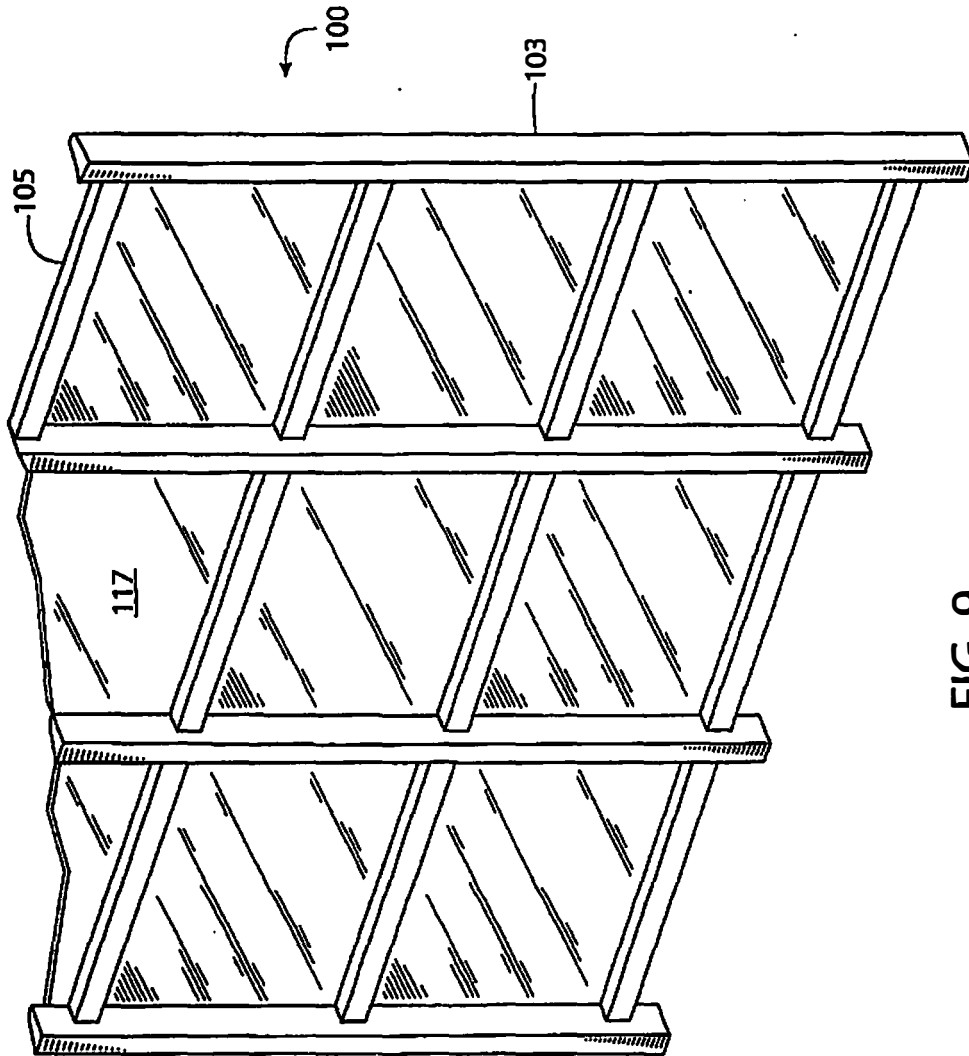


FIG. 9

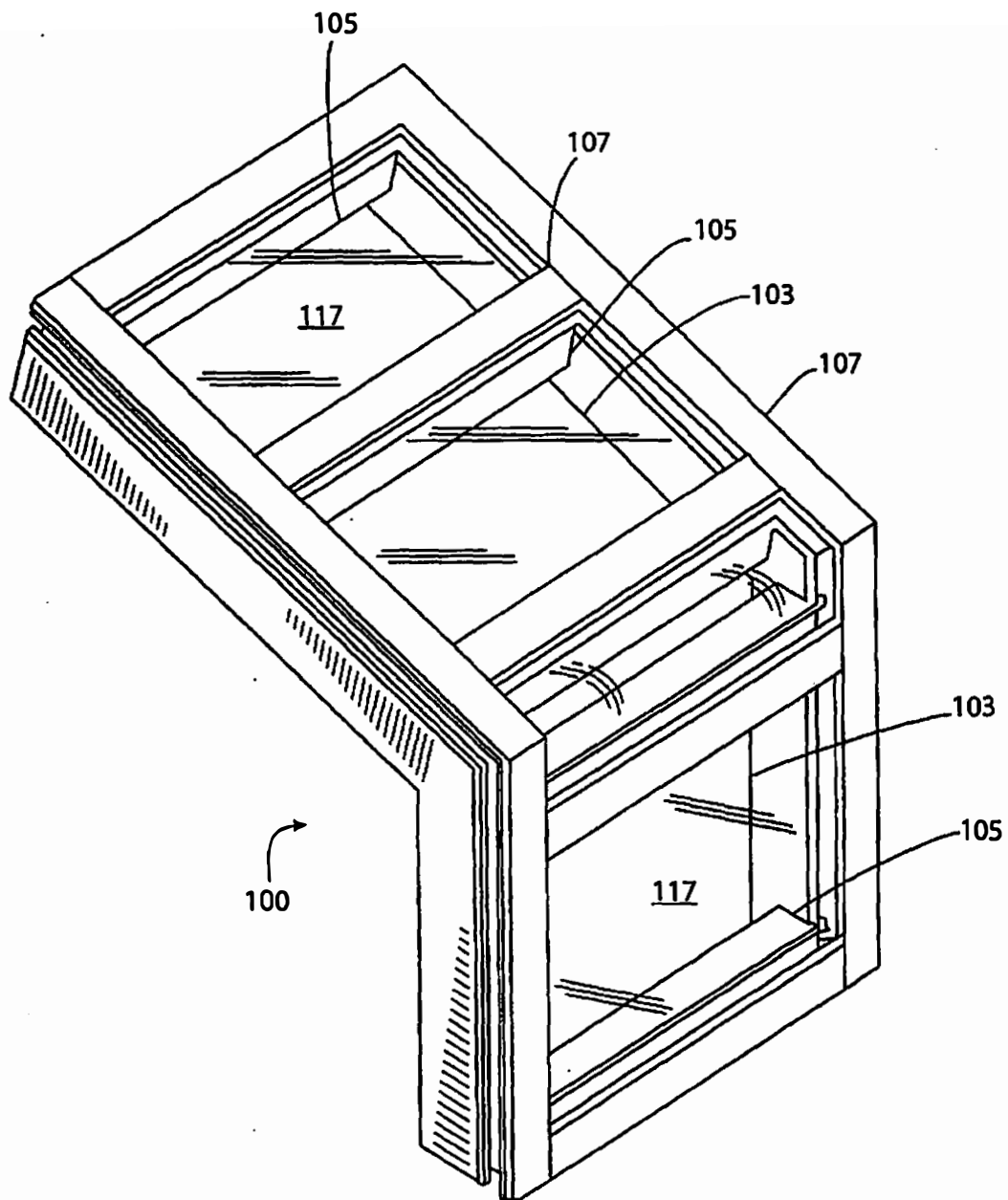


FIG. 10

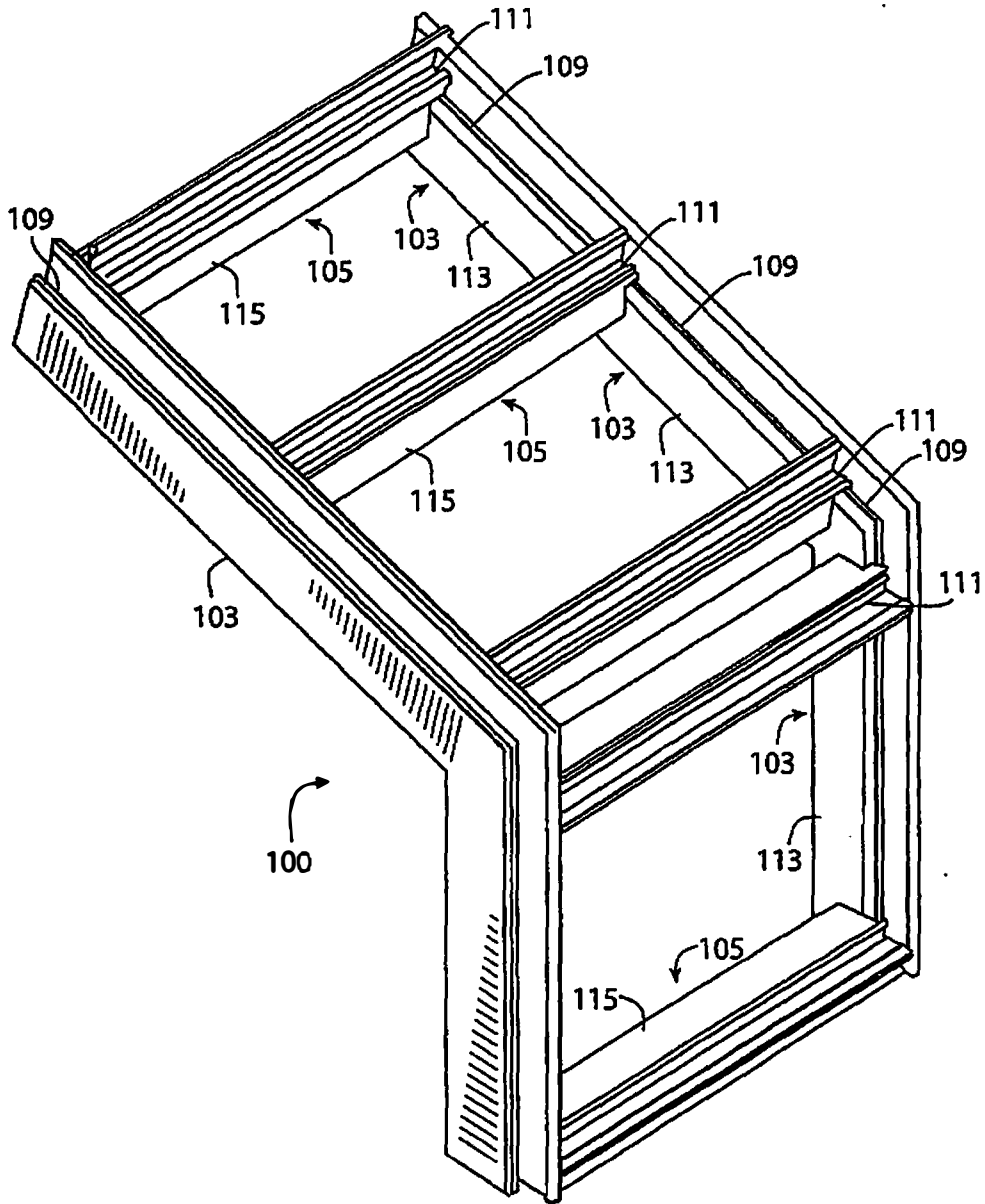


FIG. 11

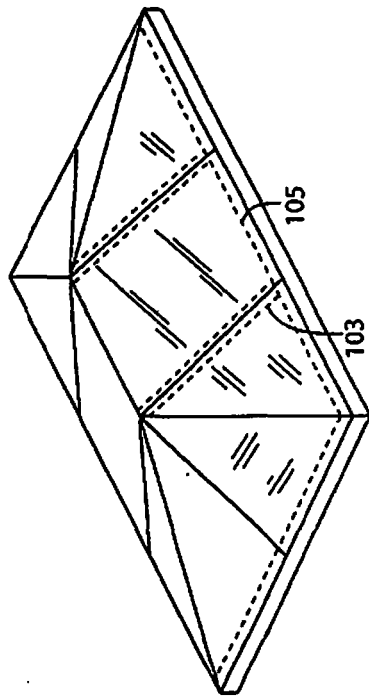


FIG. 12

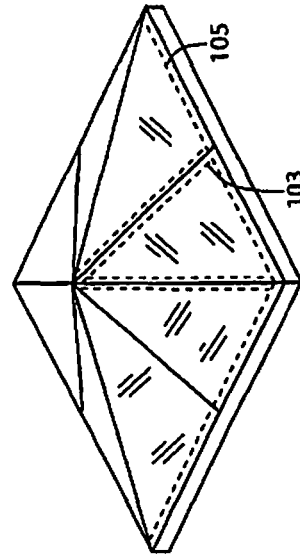


FIG. 13

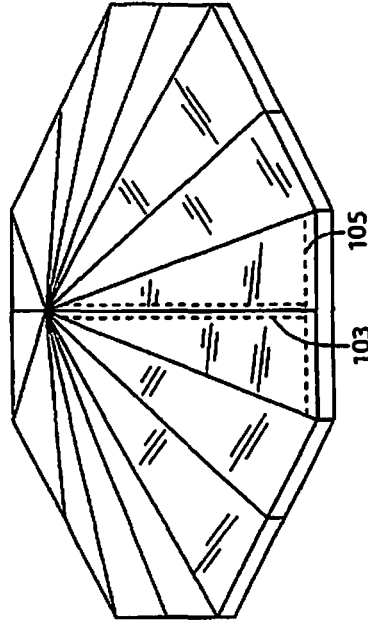


FIG. 14