



(12) **United States Patent**  
**Header et al.**

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(54) **QUICK RELEASE CLADDING SYSTEM FOR DOOR, WINDOW, SLOPED AND VERTICAL GLAZING SYSTEMS FRAMES, AND THE LIKE**

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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 43 days.

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(65) **Prior Publication Data**

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(51) **Int. Cl.**  
**E06B 1/34** (2006.01)  
**E06B 3/30** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **E06B 1/34** (2013.01); **E06B 3/303** (2013.01)

(58) **Field of Classification Search**  
CPC ..... E06B 1/04; E06B 1/06; E06B 1/08; E06B 1/34; E06B 1/342; E06B 1/40; E06B 1/60; E06B 1/56; E06B 1/605; E06B 1/6023; E06B 3/9632; E06B 3/964; E06B 3/9647; E06B 3/968; E06B 3/9684; E06B 3/988; E04F 19/02; E04F 19/0459; E04F 19/0468; E04F 19/0472; E04F 19/0481; E04F 19/0495; E04B 2/88; E04B 2/96; E04B 2/965; E04B 2/967

See application file for complete search history.

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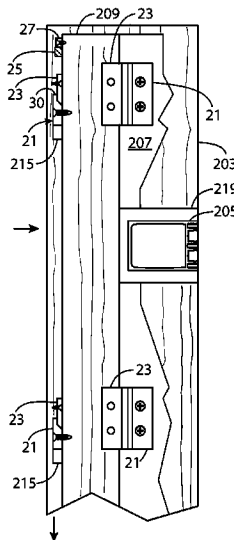
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(74) *Attorney, Agent, or Firm* — Stone Creek Services LLC; Alan M Flum

(57) **ABSTRACT**

Disclosed is quick-release removable cladding for interior fenestration frames, such as the interior frames of doors, window, skylights, or curtain walls. The cladding is held flush against the frame by a pair of brackets or alternatively by a bracket attached to frame and a shaped cavity within the cladding. In one aspect, the pair of brackets can be shaped and arranged so that when engaged, a downward force on the cladding causes the cladding to move flush against the frame. In another aspect, the cladding can be held securely in place to the frame by a keeper bar. The keeper bar can be configured to prevent upward movement of the cladding against the frame.

**13 Claims, 22 Drawing Sheets**



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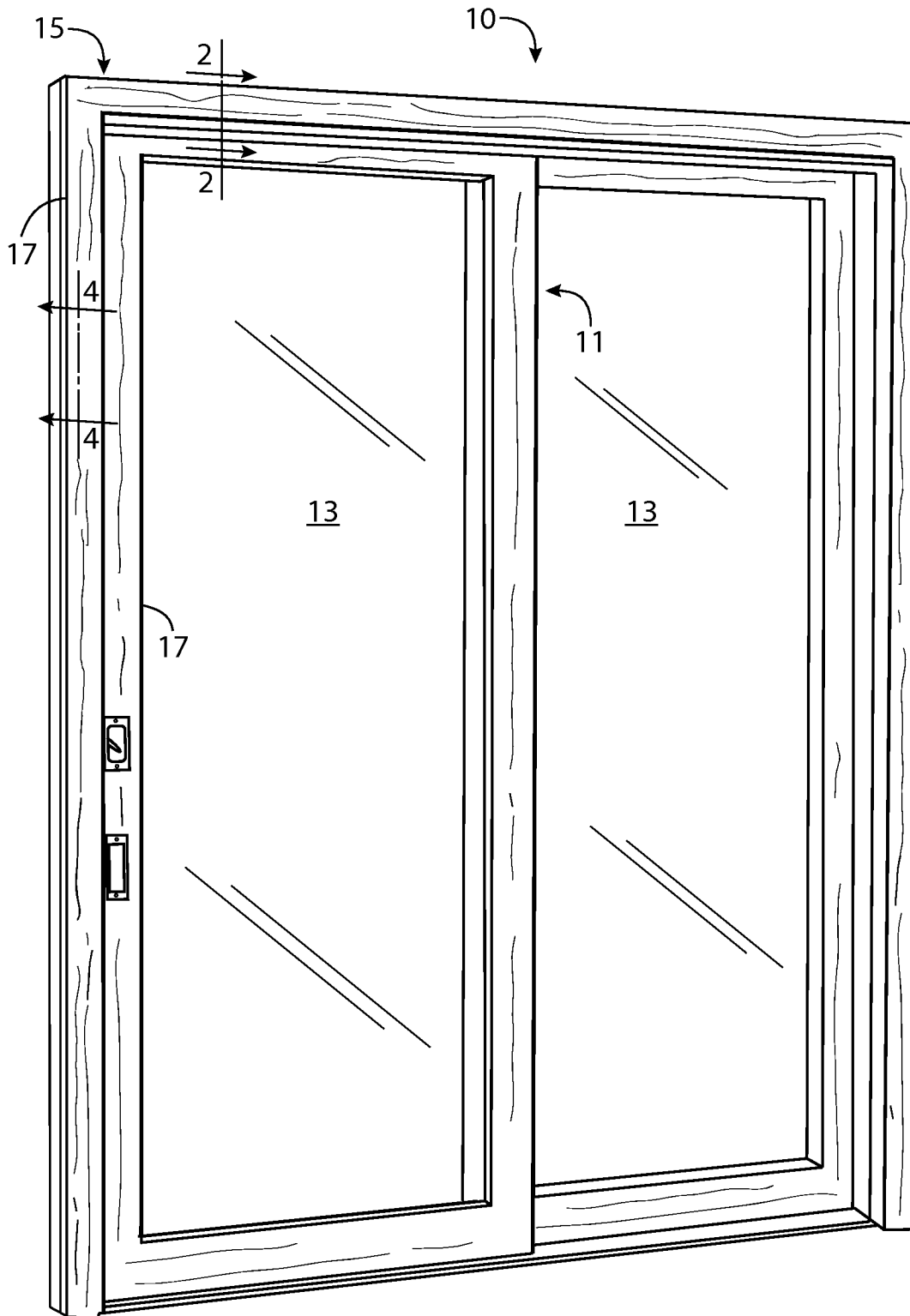


FIG.1

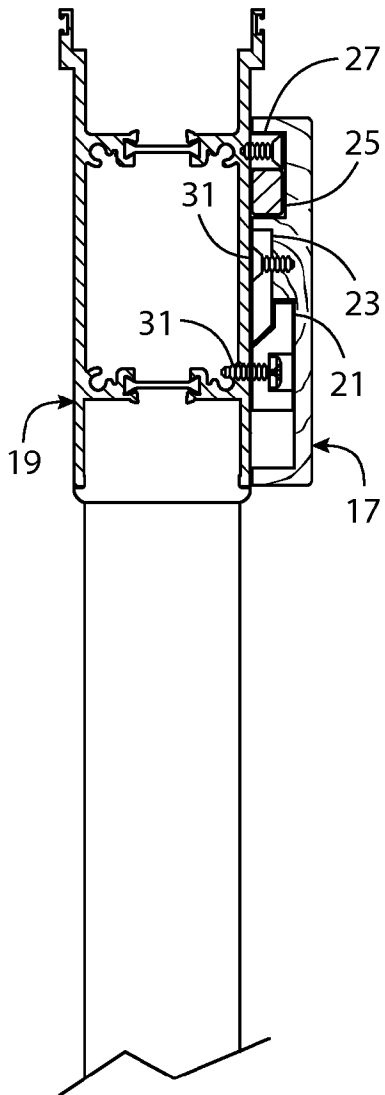


FIG. 2

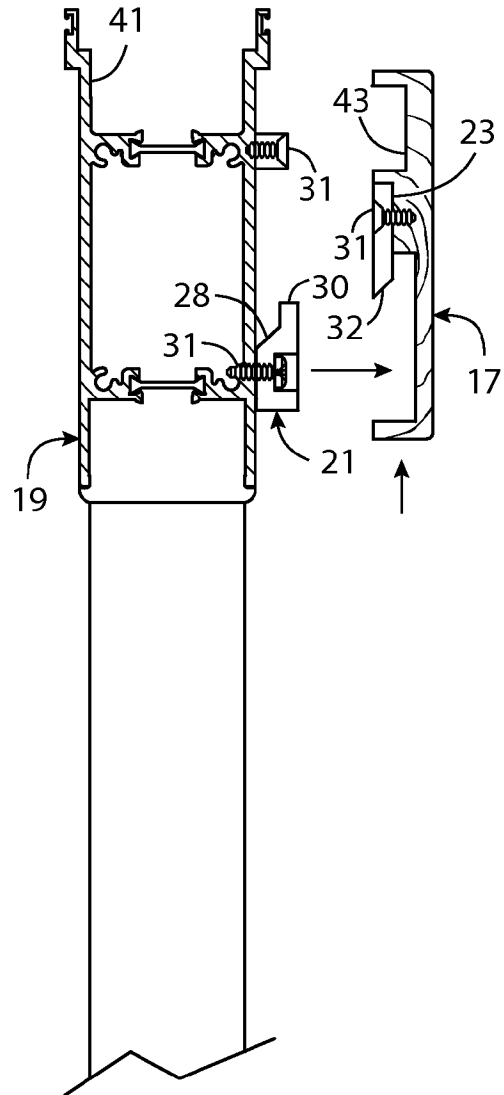


FIG. 3

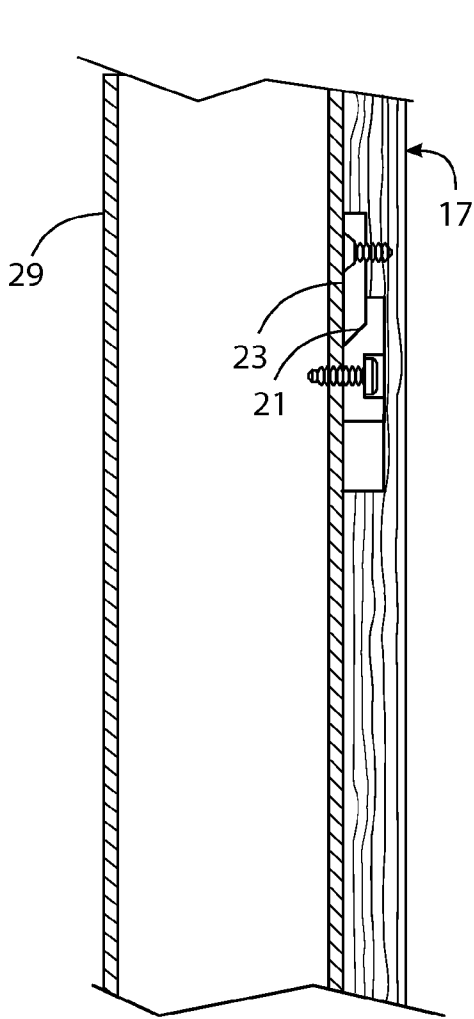


FIG. 4

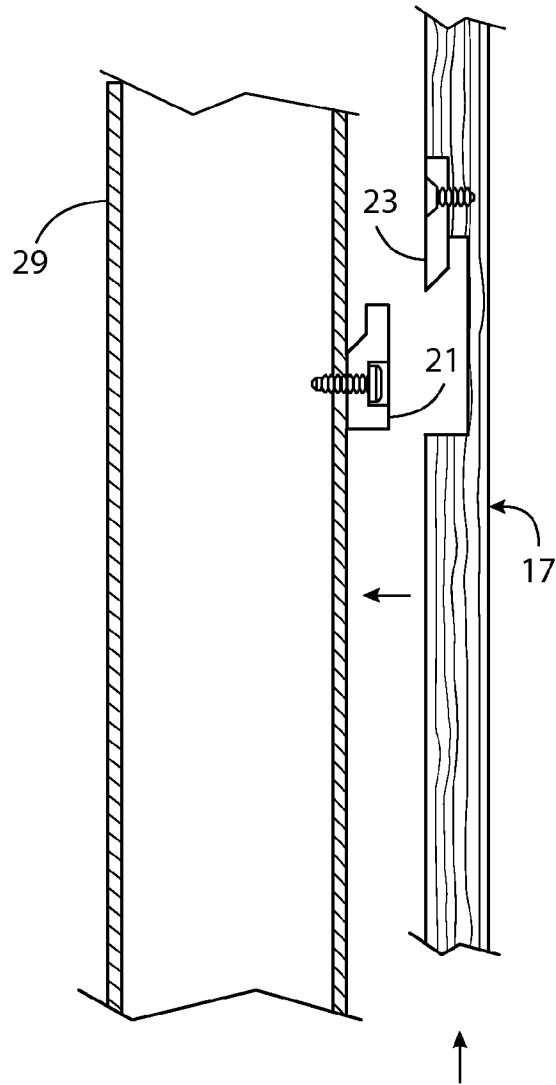


FIG. 5

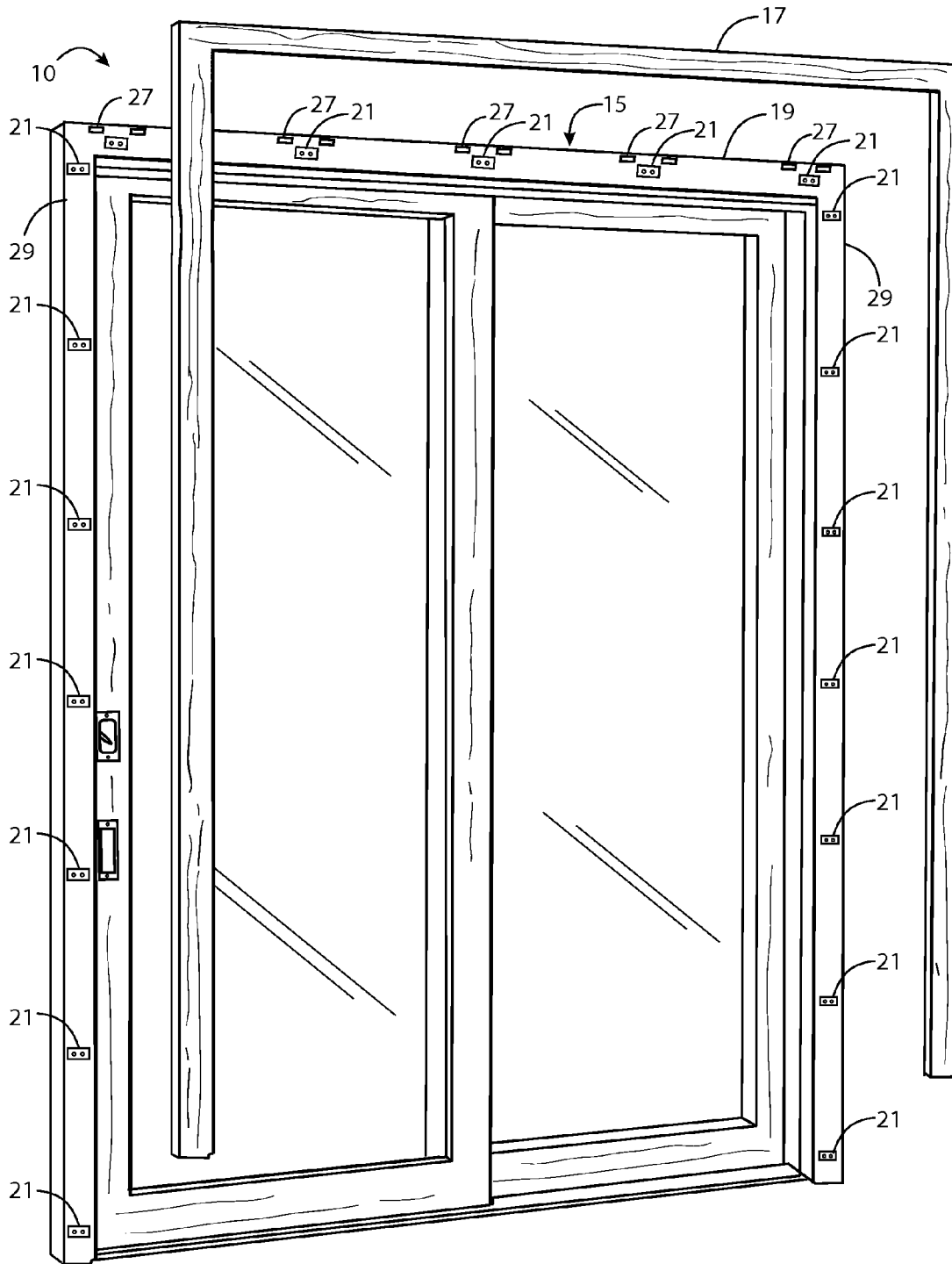


FIG. 6

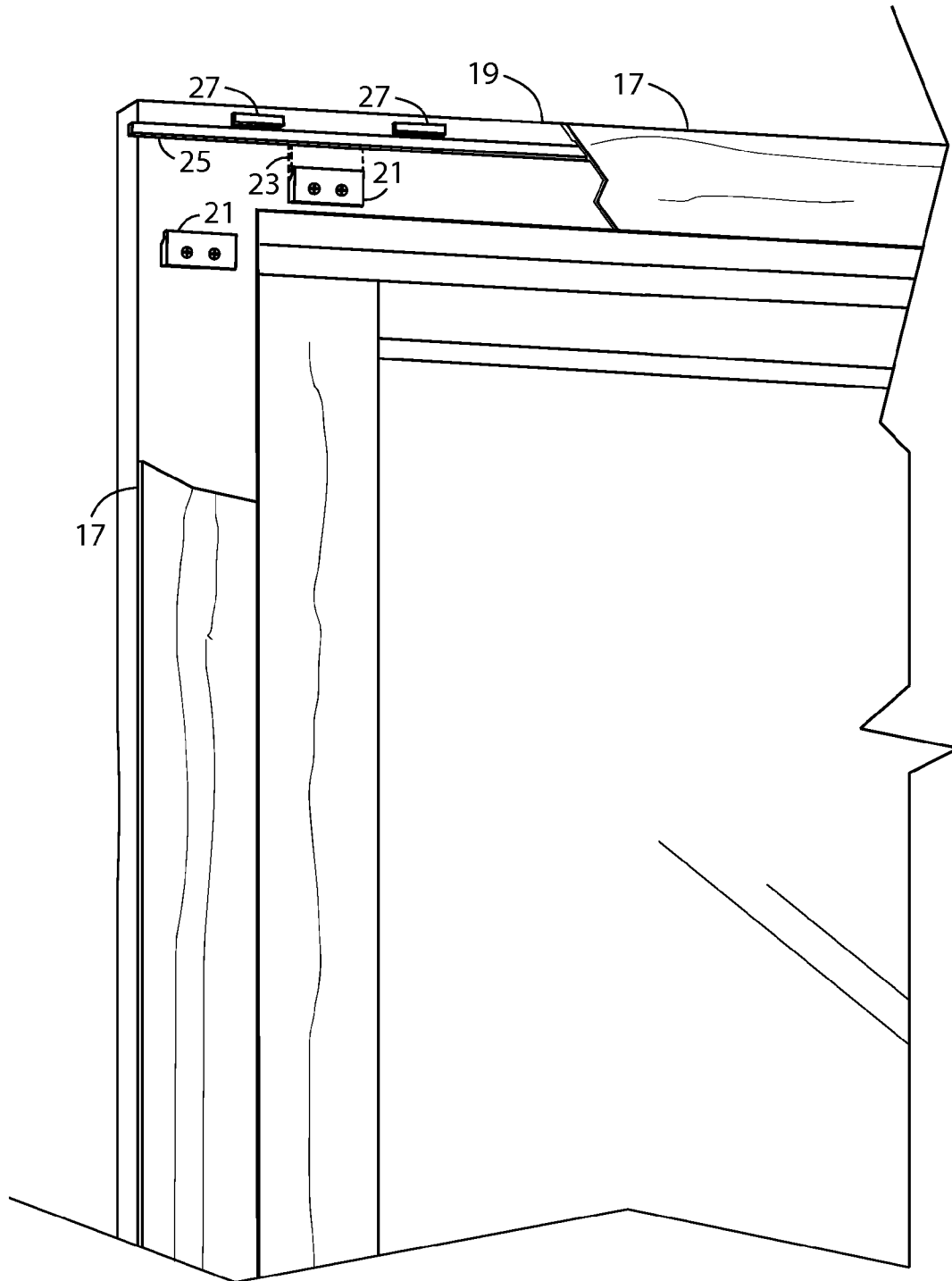


FIG. 7

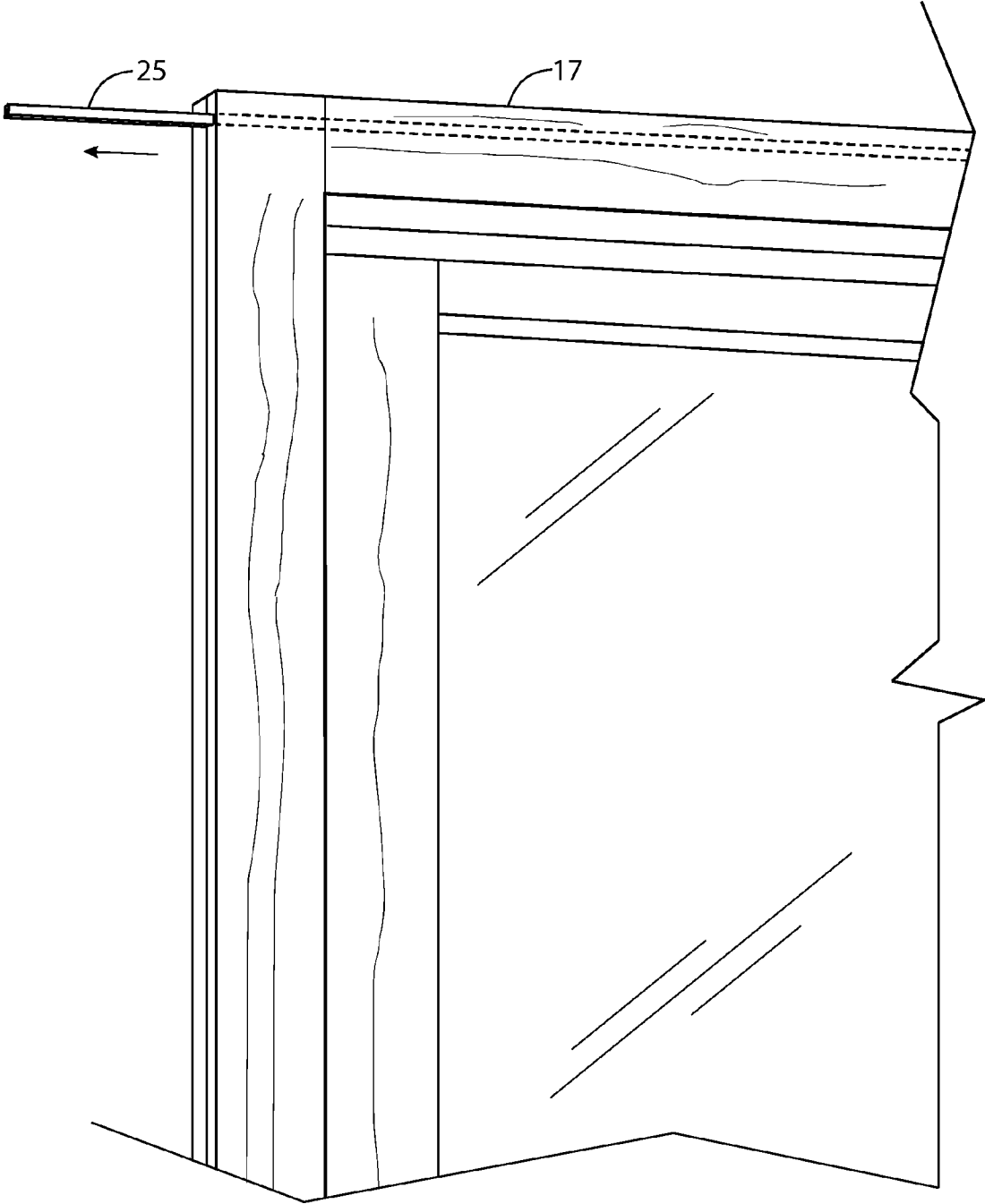


FIG. 8



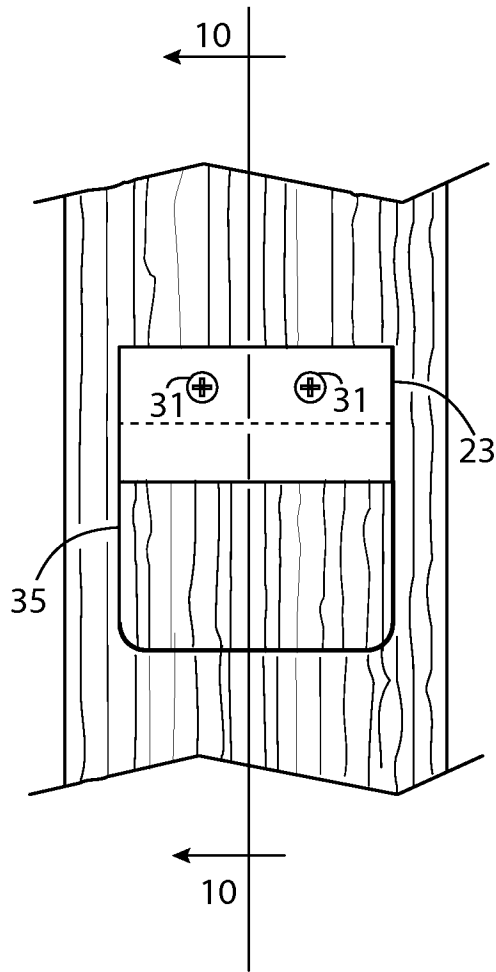


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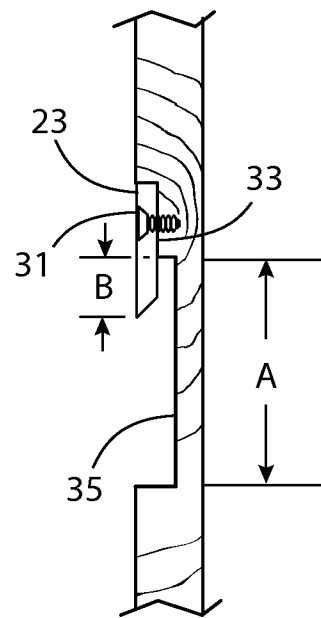


FIG. 10

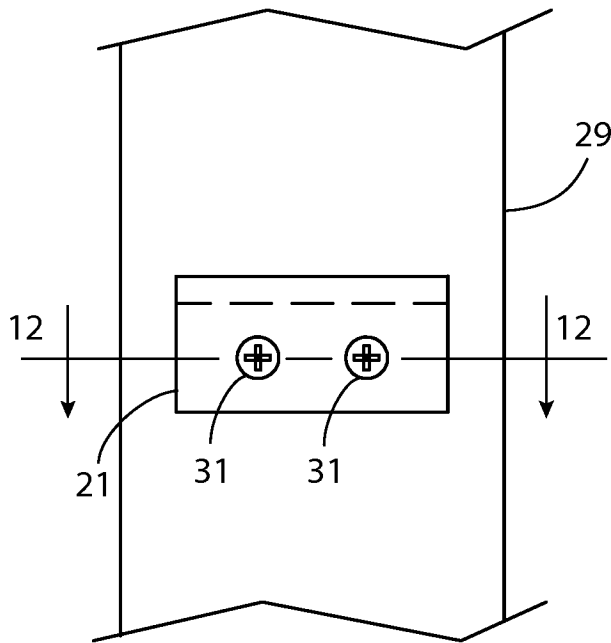


FIG. 11

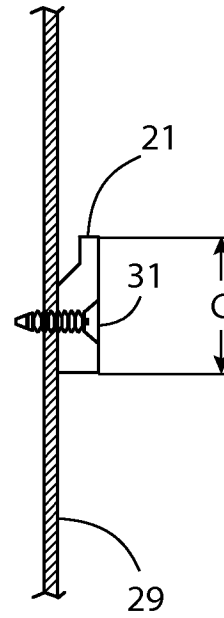


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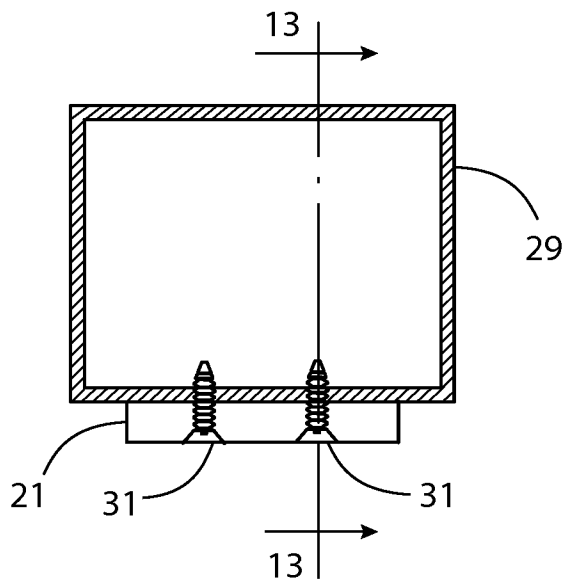


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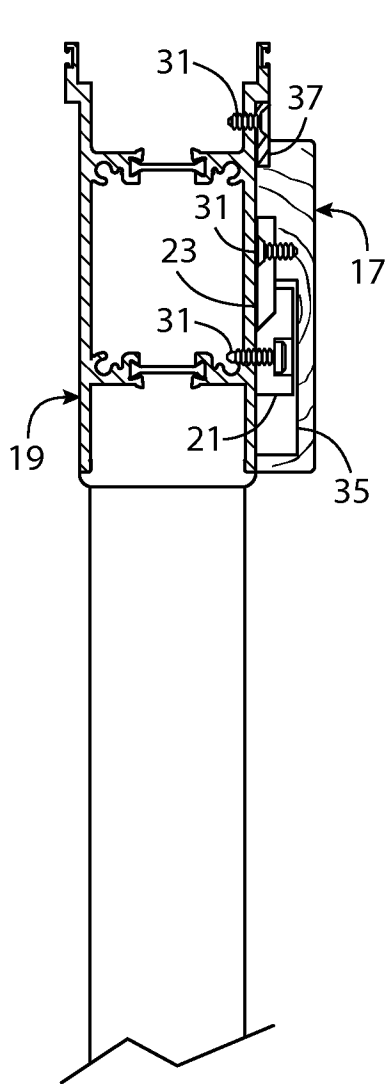


FIG. 14

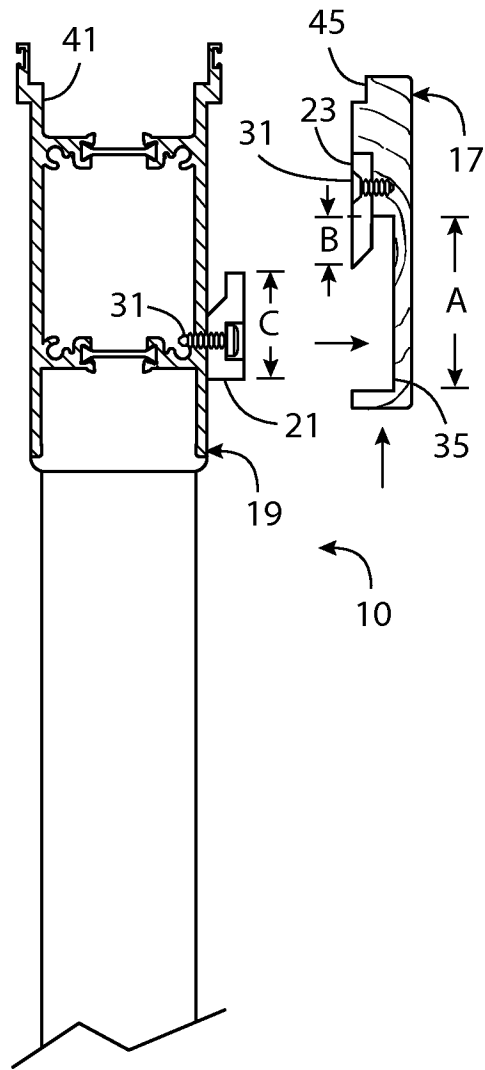


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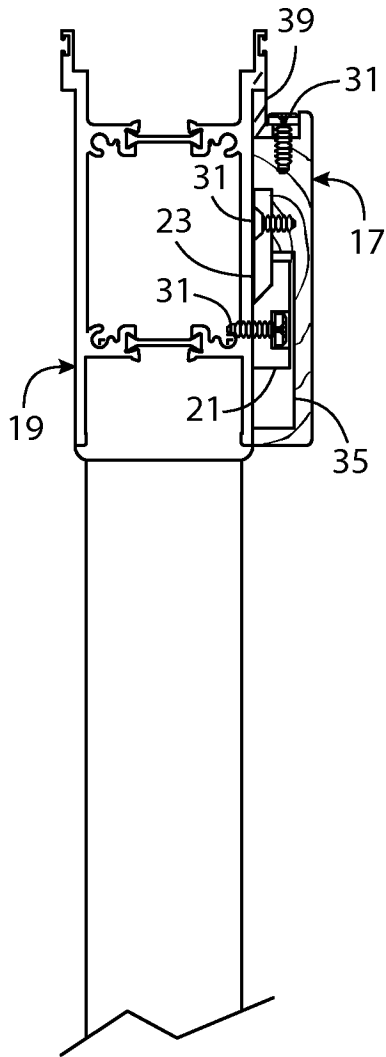


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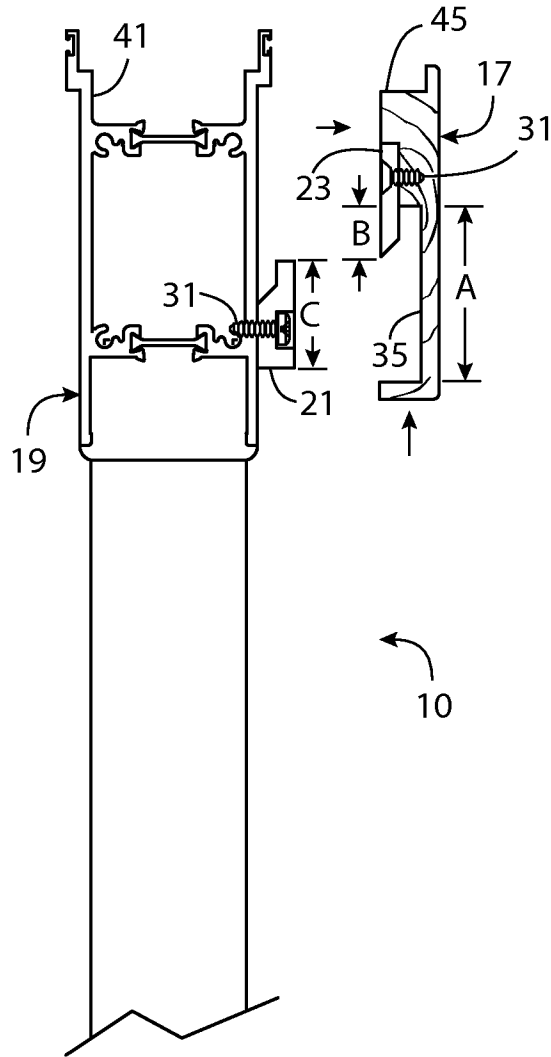


FIG. 17

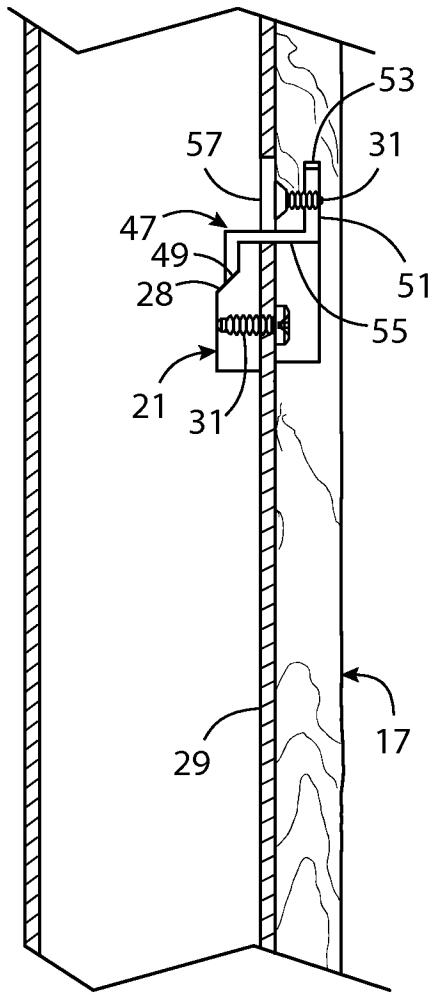


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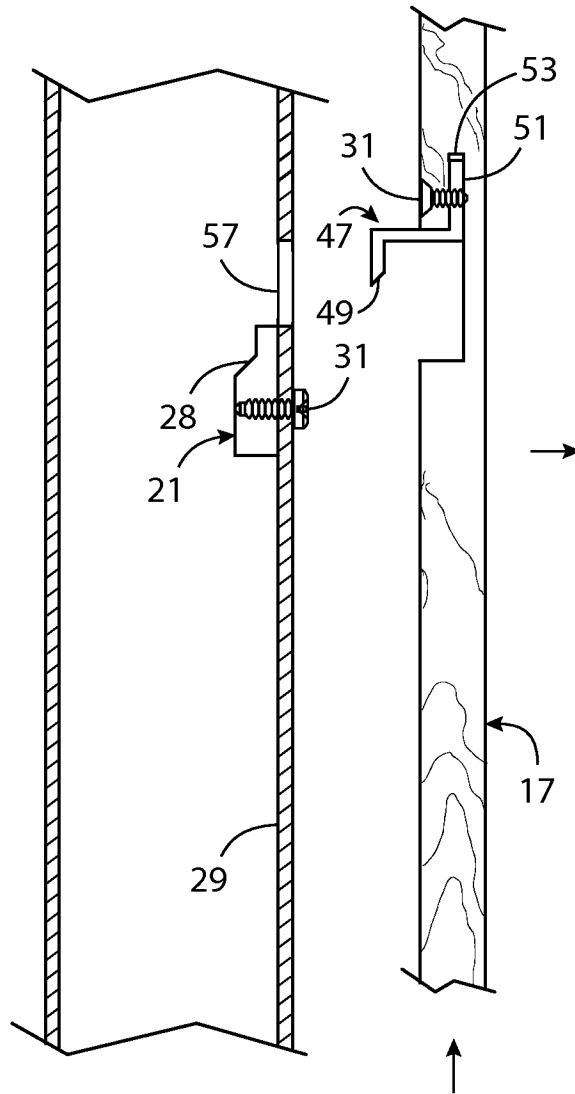


FIG. 19

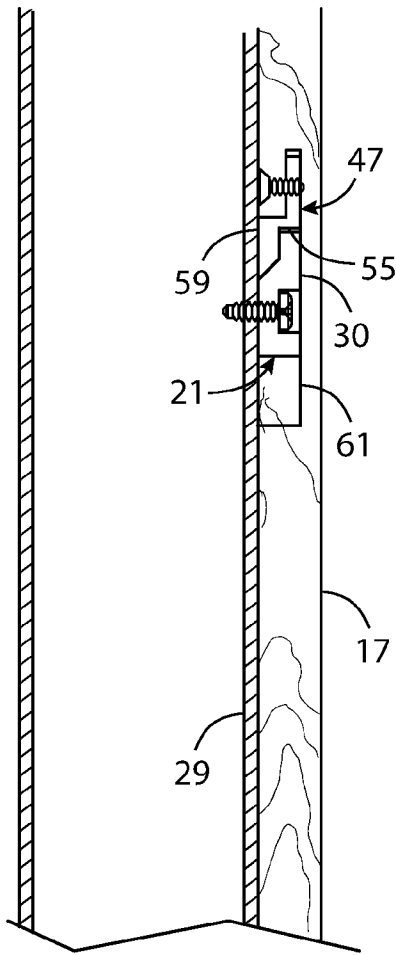


FIG. 20

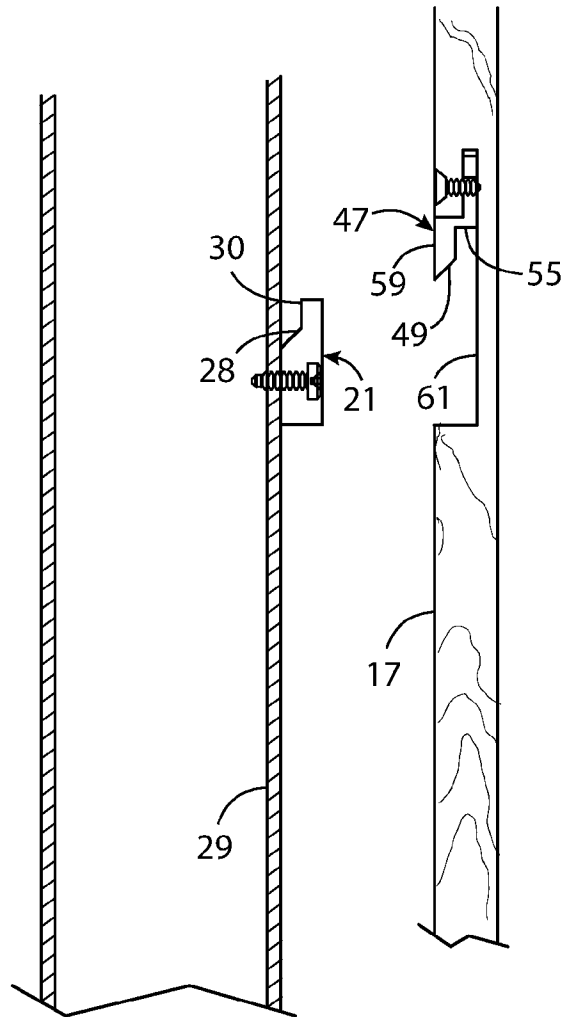


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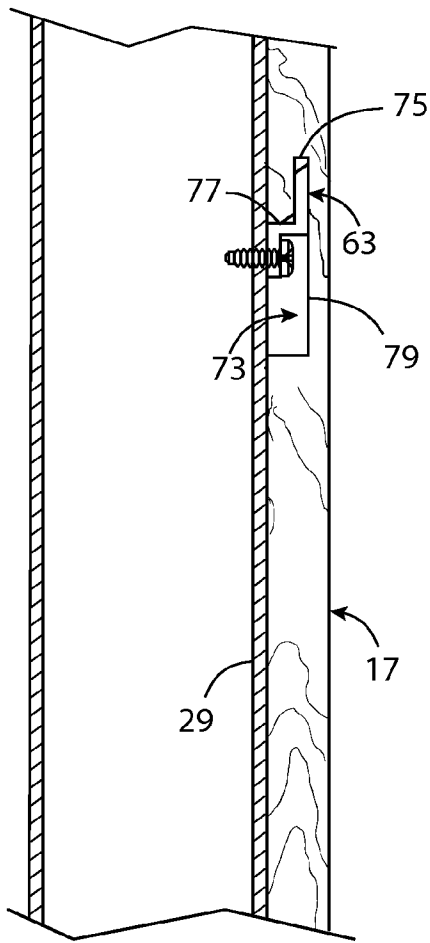


FIG. 22

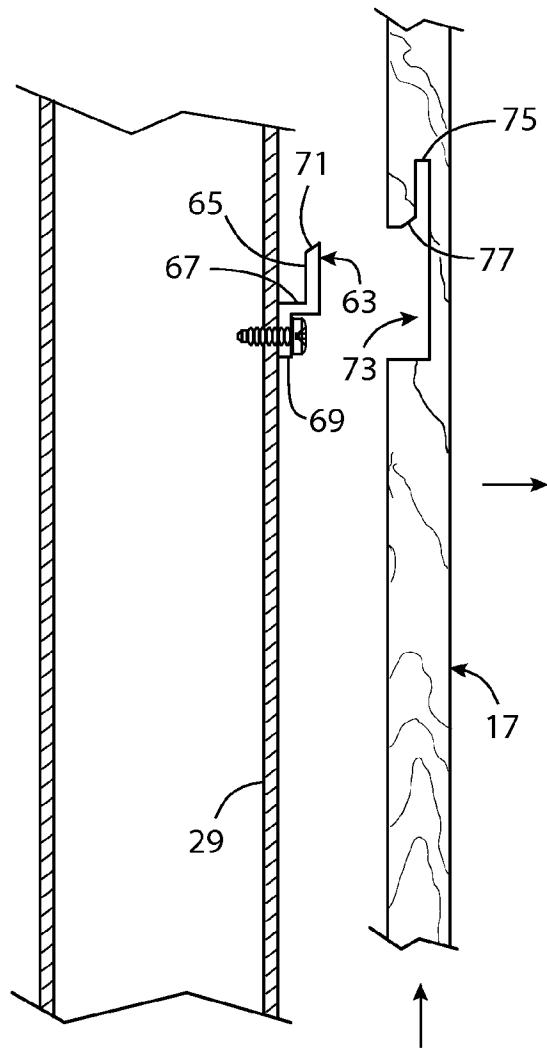


FIG. 23

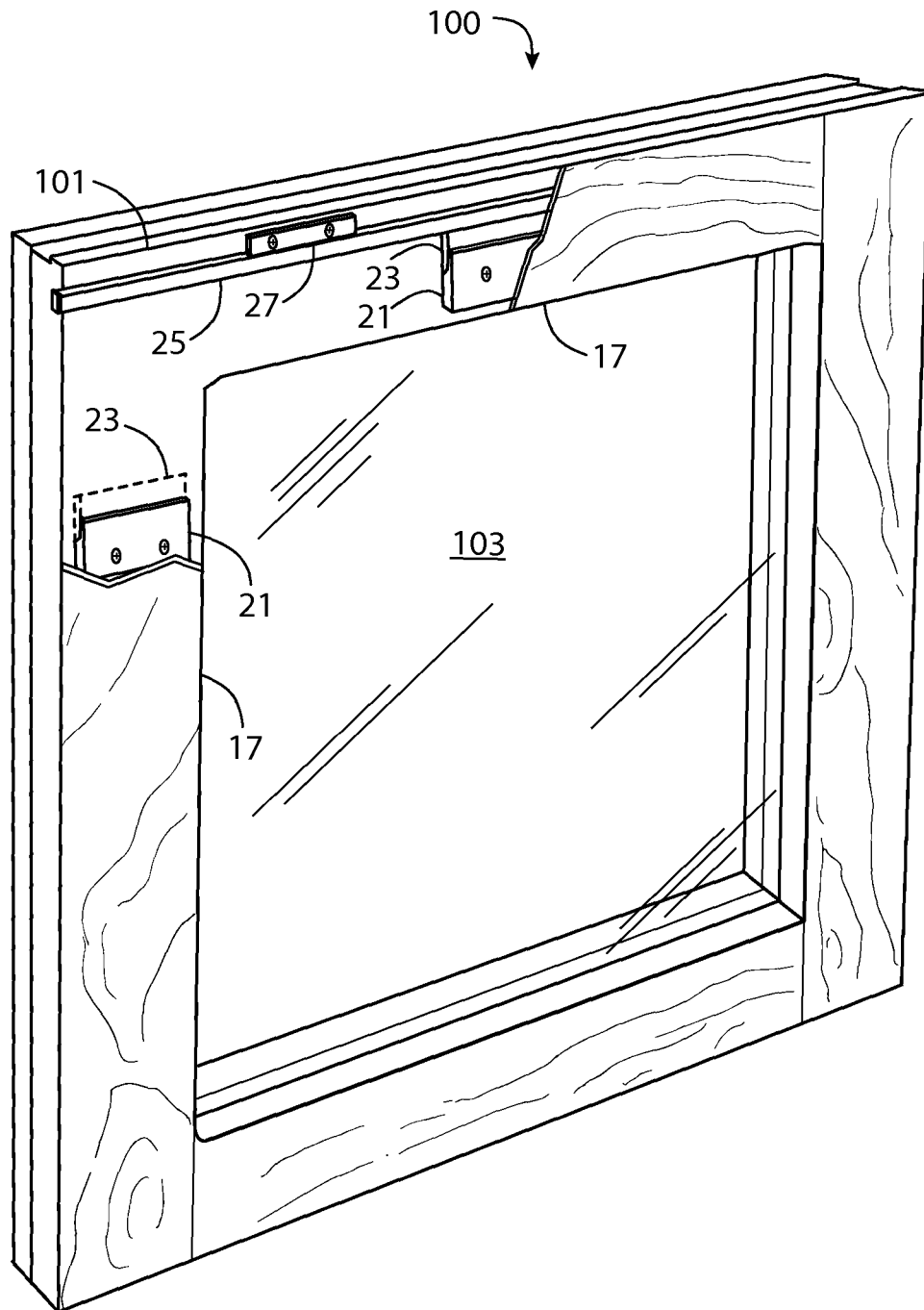


FIG. 24



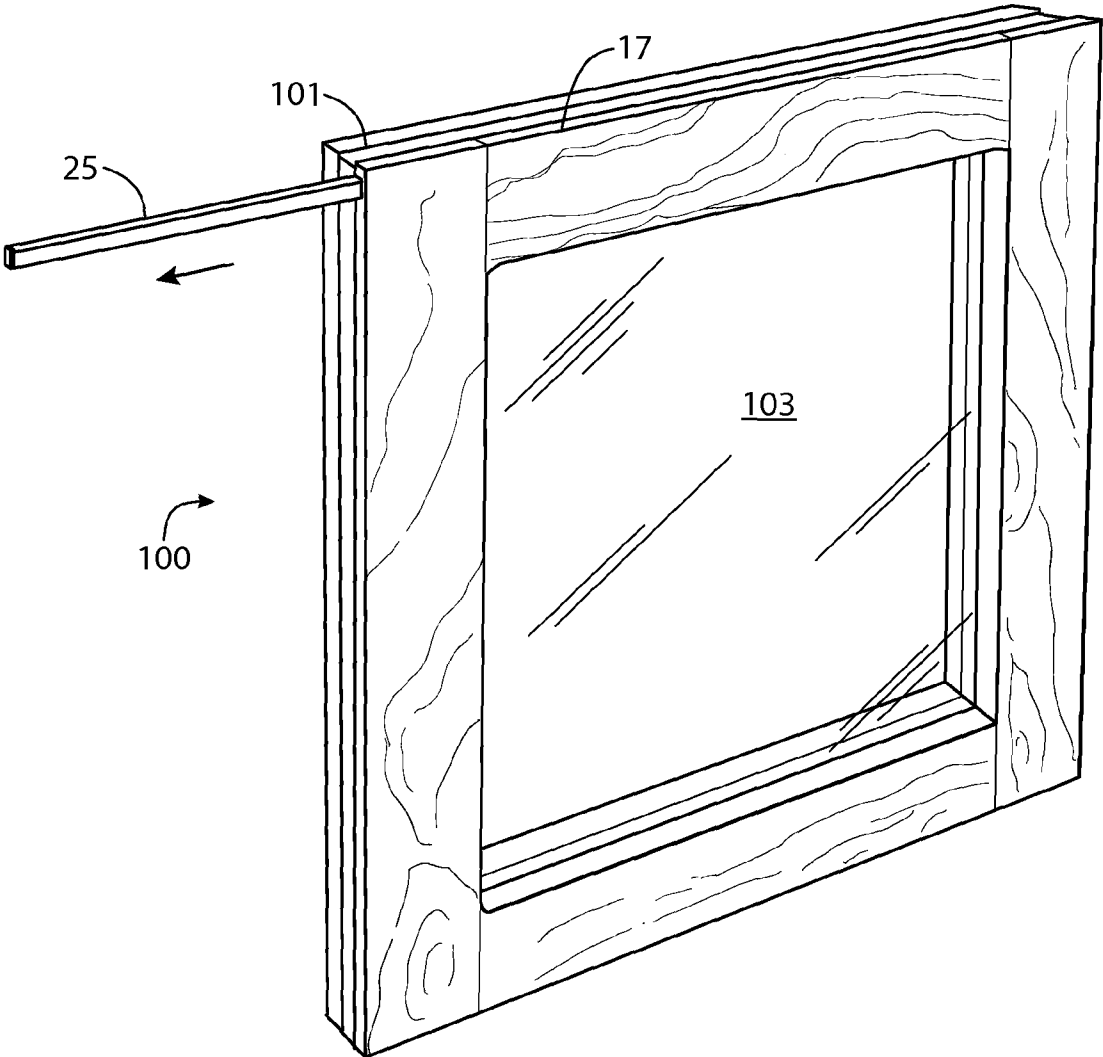


FIG. 25

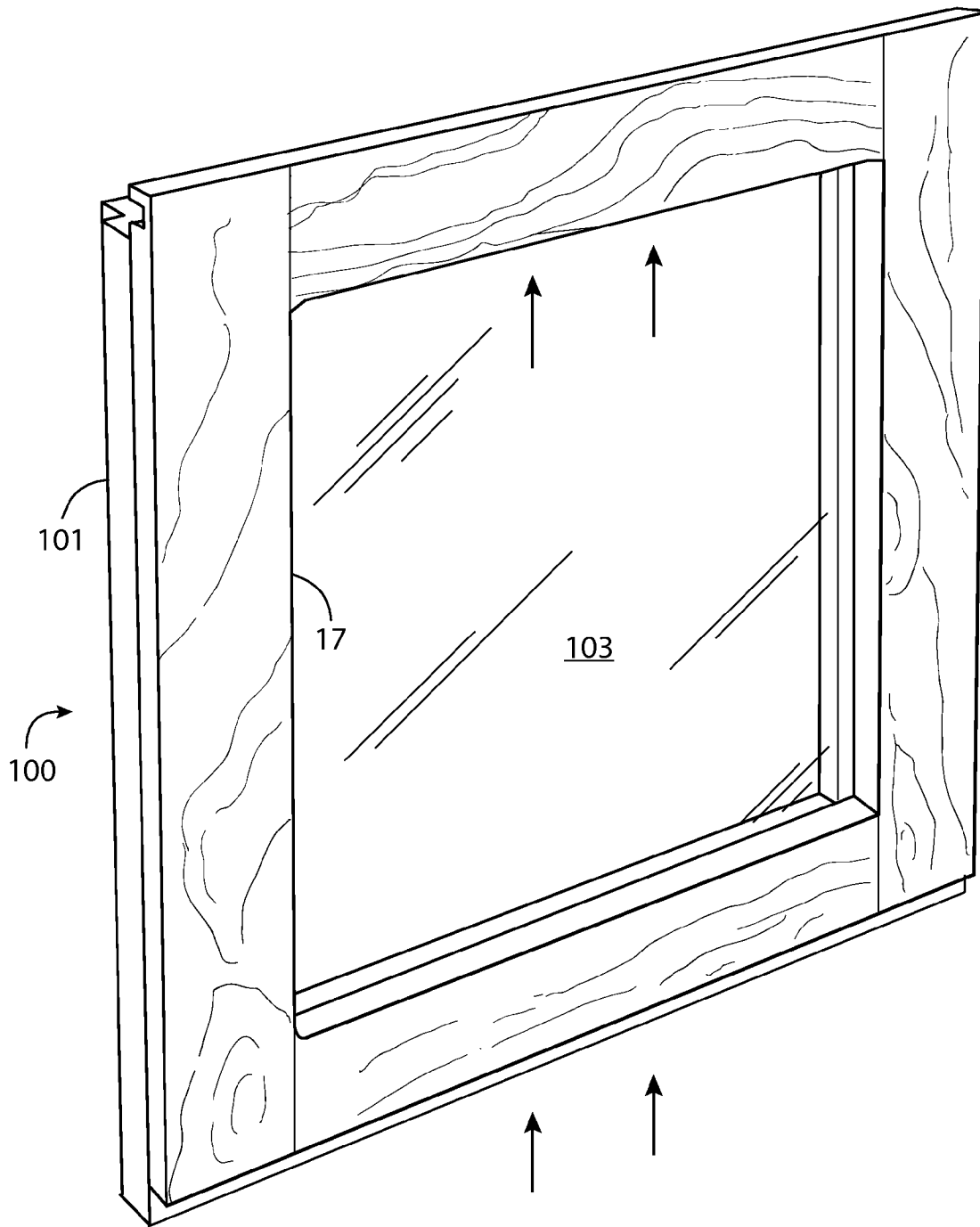


FIG. 26

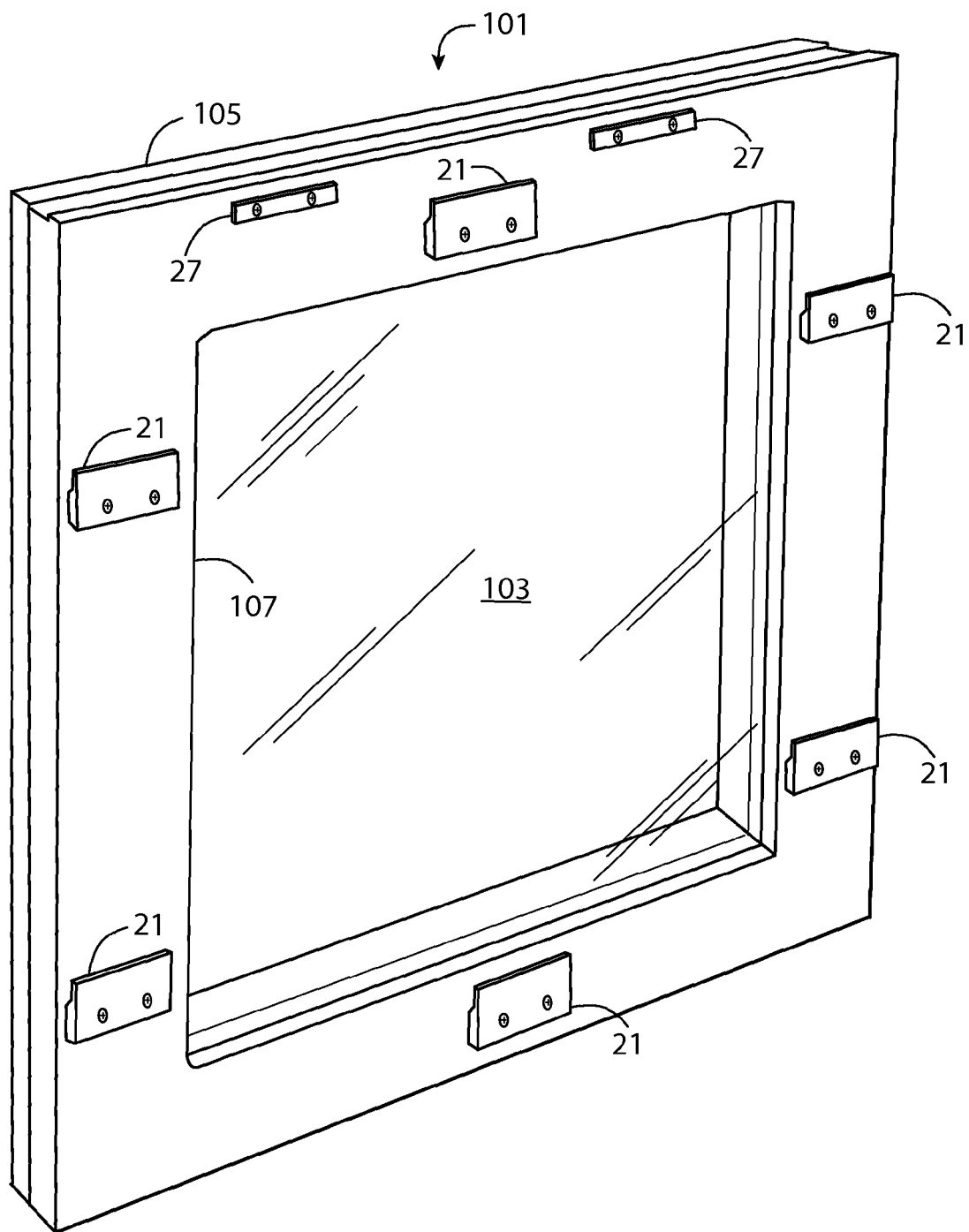


FIG. 27

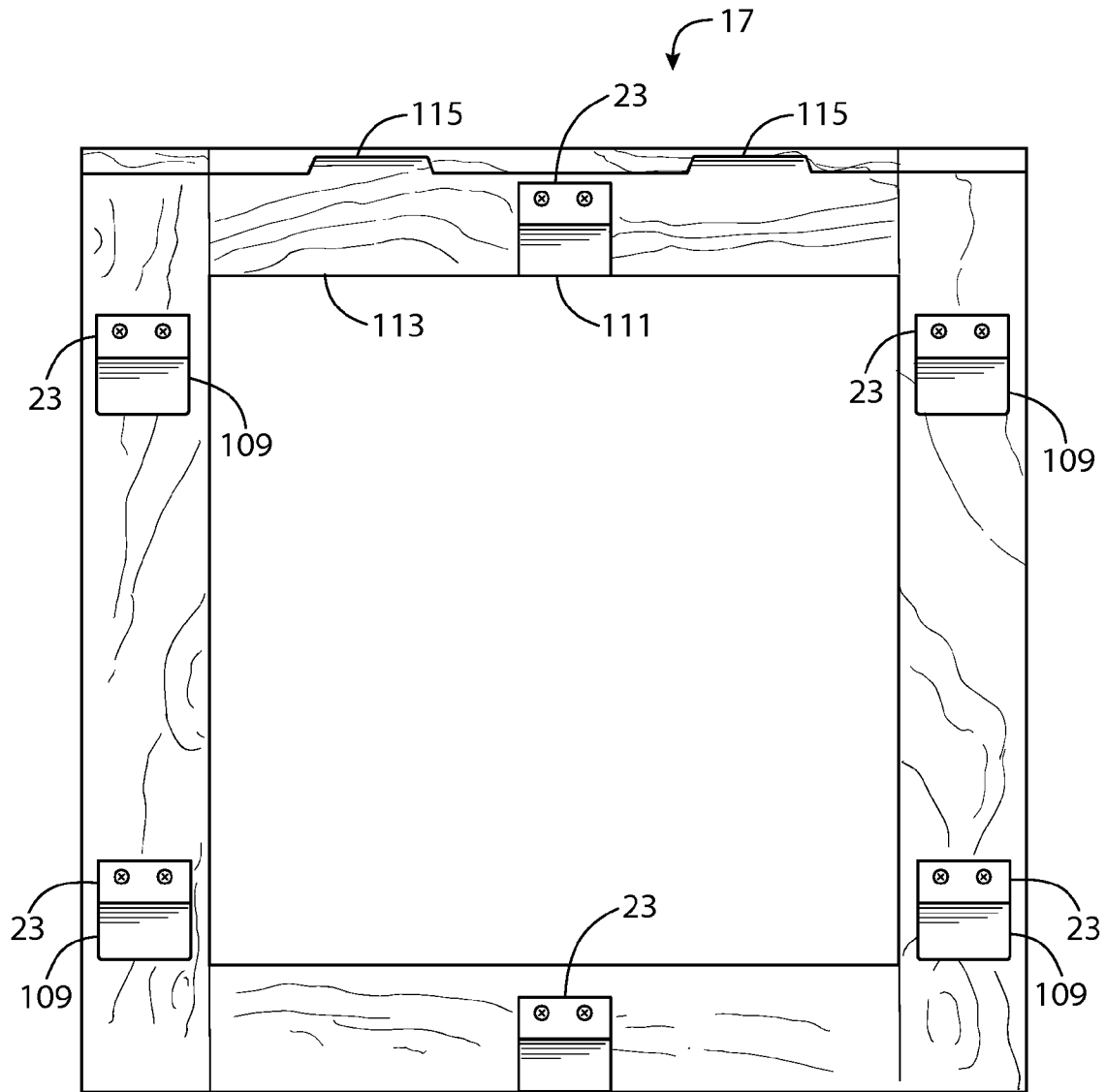


FIG. 28

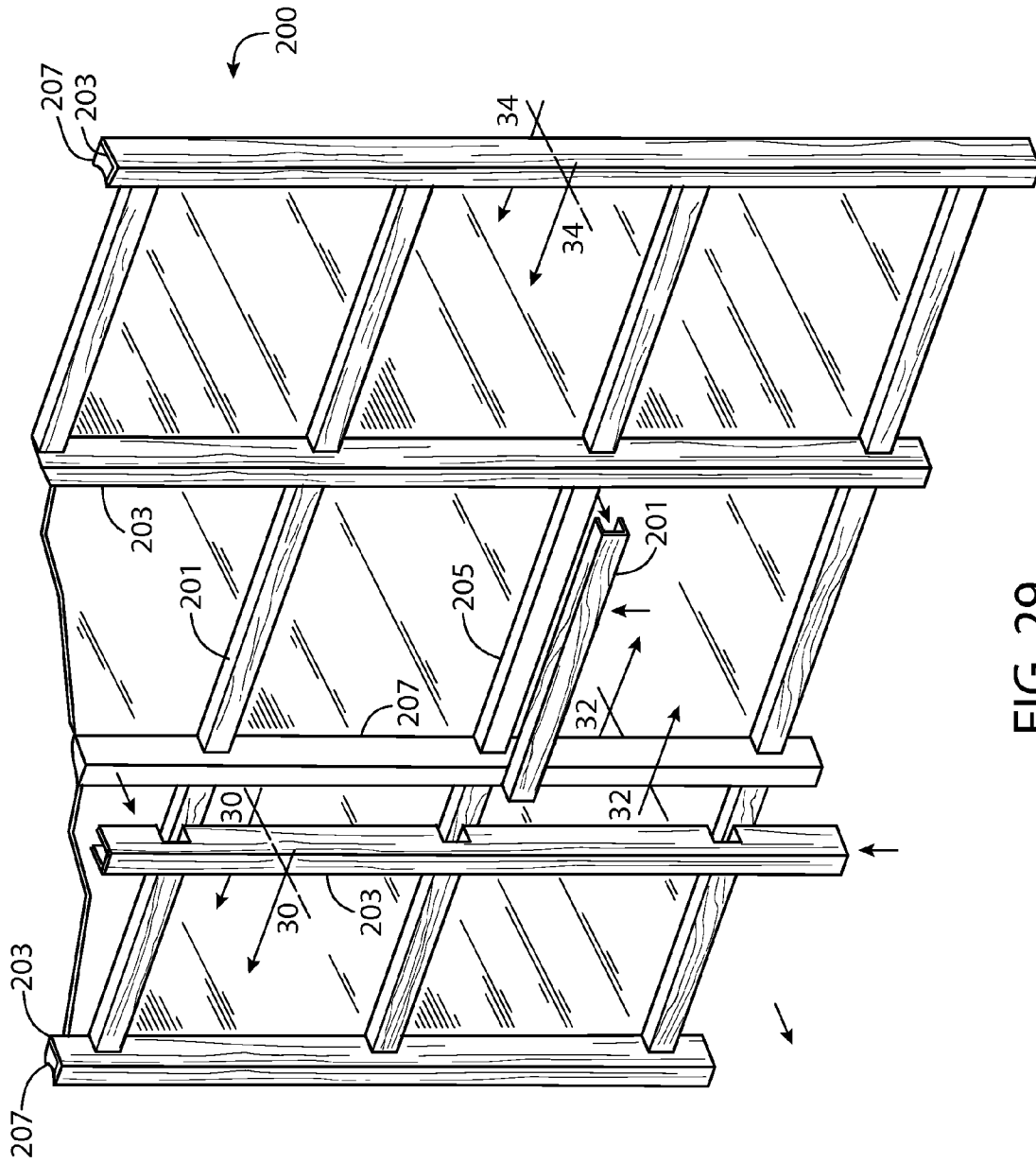


FIG. 29

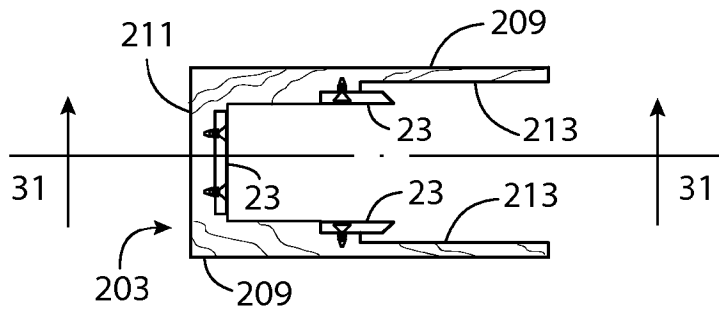


FIG. 30

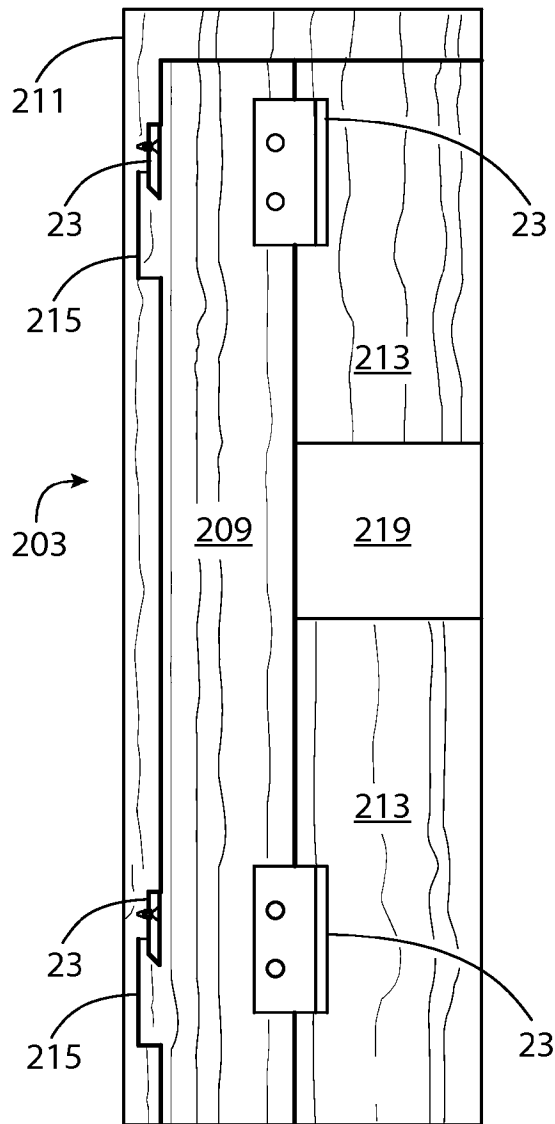


FIG. 31

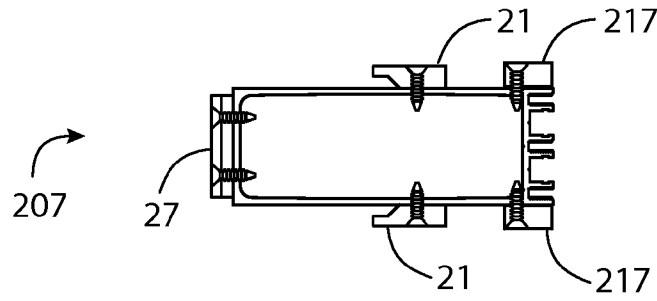


FIG. 32

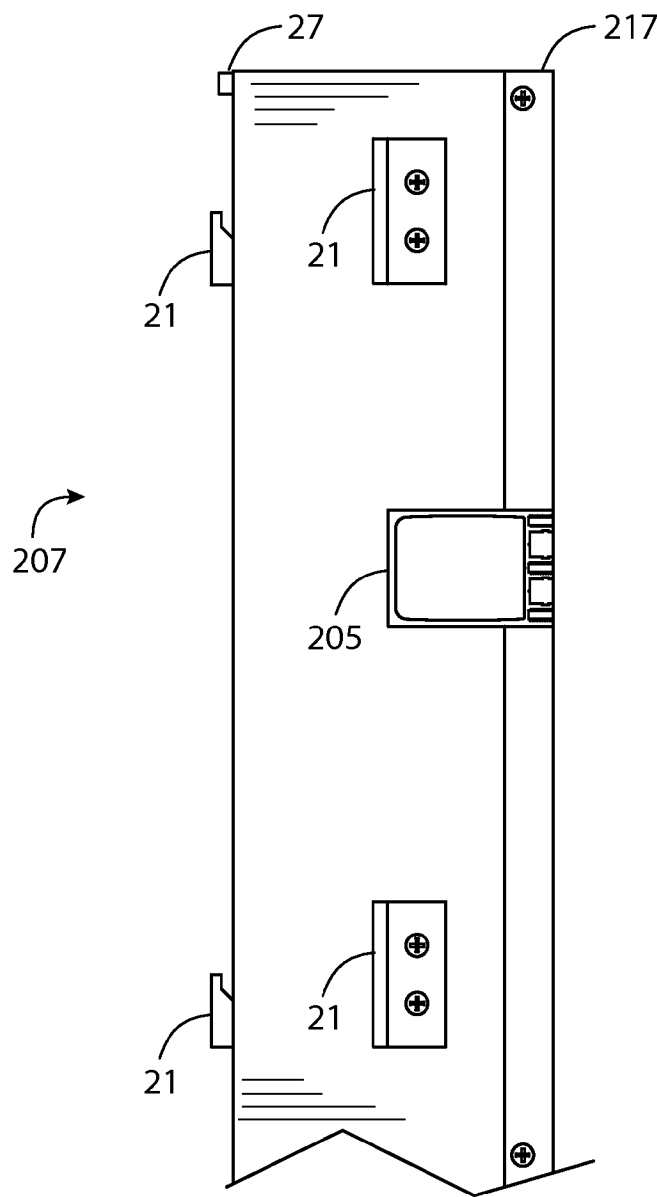


FIG. 33

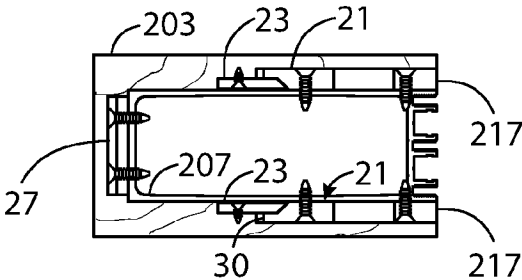


FIG. 34

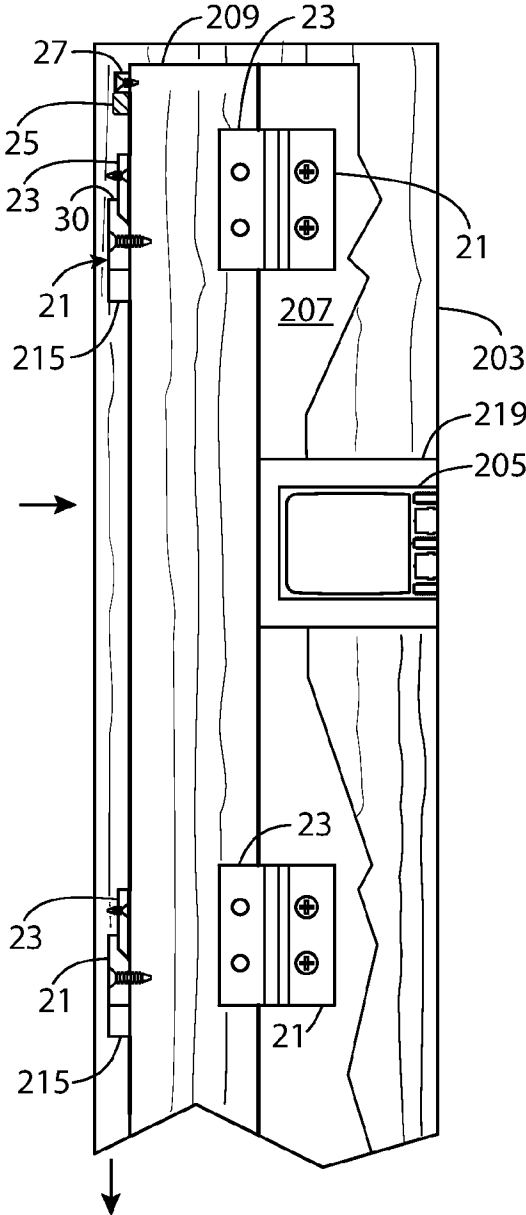


FIG. 35