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(54) **COMPRESSION POST FOR STRUCTURAL SHEAR WALL**

(56) **References Cited**

(75) Inventors: **A. Carleton Elliott**, Newport Beach, CA (US); **Allan J. Swartz**, Gardnerville, NV (US); **Gregory Kulpa**, Tustin, CA (US)

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(73) Assignee: **Specialty Hardware L.P.**, Newport Beach, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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Primary Examiner — Eileen D Lillis
Assistant Examiner — Chi Nguyen
(74) *Attorney, Agent, or Firm* — Jerry Turner Sewell

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See application file for complete search history.

(57) **ABSTRACT**

A compression post for a shear wall includes a plate mounted to the bottom of an end post of a shear wall. The plate is sized to conform to the lower end of each end post. An extended portion (e.g., a cylinder) is positioned perpendicularly to the plate. The extended portion has a cross section sized to fit through a hole in a mudsill of the shear wall and has a length selected to conform with a thickness of the mudsill. When the shear wall is mounted on a structural support (e.g., a footing or foundation), forces applied to the end post pass through the plate and the extended portion to the structural support. The extended portion may be secured to the plate (e.g., by spot welding, press fitting, bolting, or threaded engagement) or the two portions may be independent. The two portions may also be a cast unitary body.

10 Claims, 8 Drawing Sheets

