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(71) Applicant: **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) Inventor: **TAMMERA, Robert, Frank**; 7081 Auburn Mill Road, Warrenton, VA 20187 (US).

(74) Agents: **WARD, Andrew T.** et al.; ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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(54) Title: REACTOR BED COMPONENT FOR SECURING RIGID ASSEMBLIES

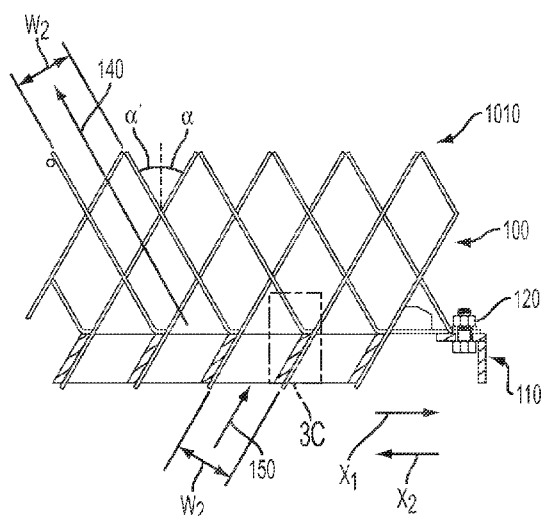


FIG. 3B

(57) Abstract: Reactor bed component includes a foundation grate, a rigid structure and a fastener. The foundation grate has support plates spaced apart from each other by a distance and having a height with each support plate disposed at an angle. The rigid structure has first structure plates spaced apart by a multiple of the distance and disposed at the angle, and second structure plates secured to and disposed at an opposing angle. Each second structure plate has a horizontal extent to engage an upper edge of a corresponding support plate, and a number of the first structure plates have a length extending below the horizontal extent in overlapping relation with adjacent support plates to prevent horizontal movement of the rigid structure relative the foundation grate in a first direction. The fastener is disposed to secure the rigid structure to the grate against movement in a second direction opposite the first direction.