

United States Patent [19]**Chew**[11] **Patent Number:** **4,753,403**[45] **Date of Patent:** **Jun. 28, 1988**[54] **RAILROAD TRACK MOUNTING
ARRANGEMENT**[75] **Inventor:** **James P. Chew, Jeannette, Pa.**[73] **Assignee:** **American Standard Inc., North Hills,
Pa.**[21] **Appl. No.:** **938,934**[22] **Filed:** **Dec. 8, 1986**[51] **Int. Cl.⁴** **E01B 9/32**[52] **U.S. Cl.** **246/473 R; 238/338**[58] **Field of Search** **246/473 R; 238/310,
238/338, 343, 361**[56] **References Cited****U.S. PATENT DOCUMENTS**

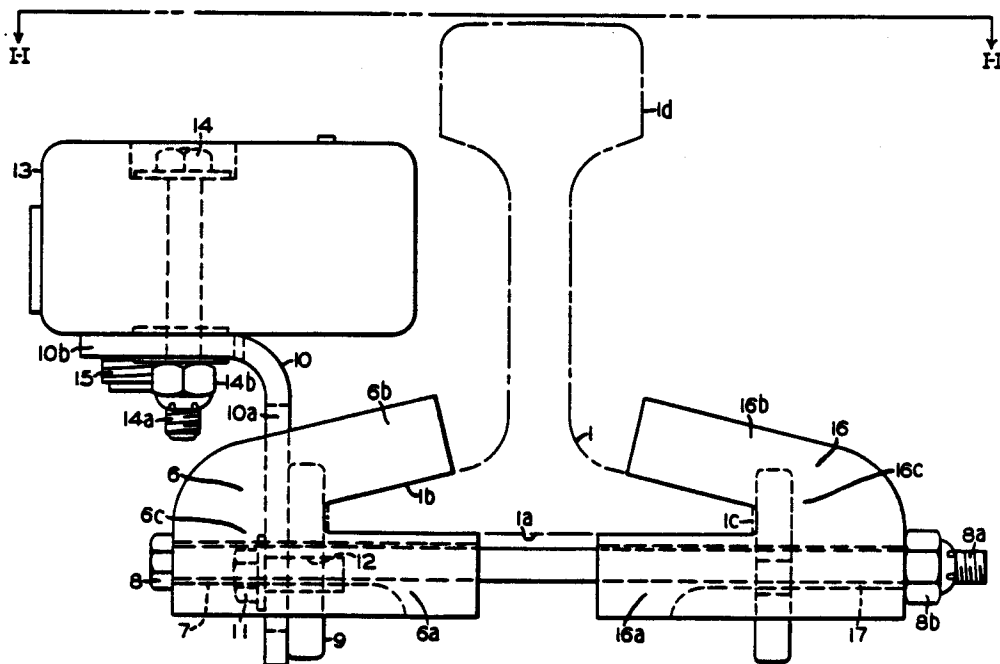
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Primary Examiner—Joseph F. Peters, Jr.*Assistant Examiner*—Stephen P. Avila*Attorney, Agent, or Firm*—J. B. Sotak[57] **ABSTRACT**

A railroad track mounting arrangement for mounting a detecting device in proximate relation to a rail head portion of a section of rail includes first and second V-shaped rail clamp member which exhibit inner contours substantially equivalent to the outer contour of the rail base such that a tight fit is achieved therebetween. A side mounting portion extends from the rail clamp members at a point where, upon installation of the rail clamps, the side mounting portions are in close proximity to the rail base. A mounting bracket secures to the side mounting portion and has a base portion for holding in a secure manner the detecting device. A nut and bolt arrangement secures the rail clamps together and, in the event of overtightening, fractures, thereby insuring positive detection of a faulty installation.

12 Claims, 3 Drawing Sheets

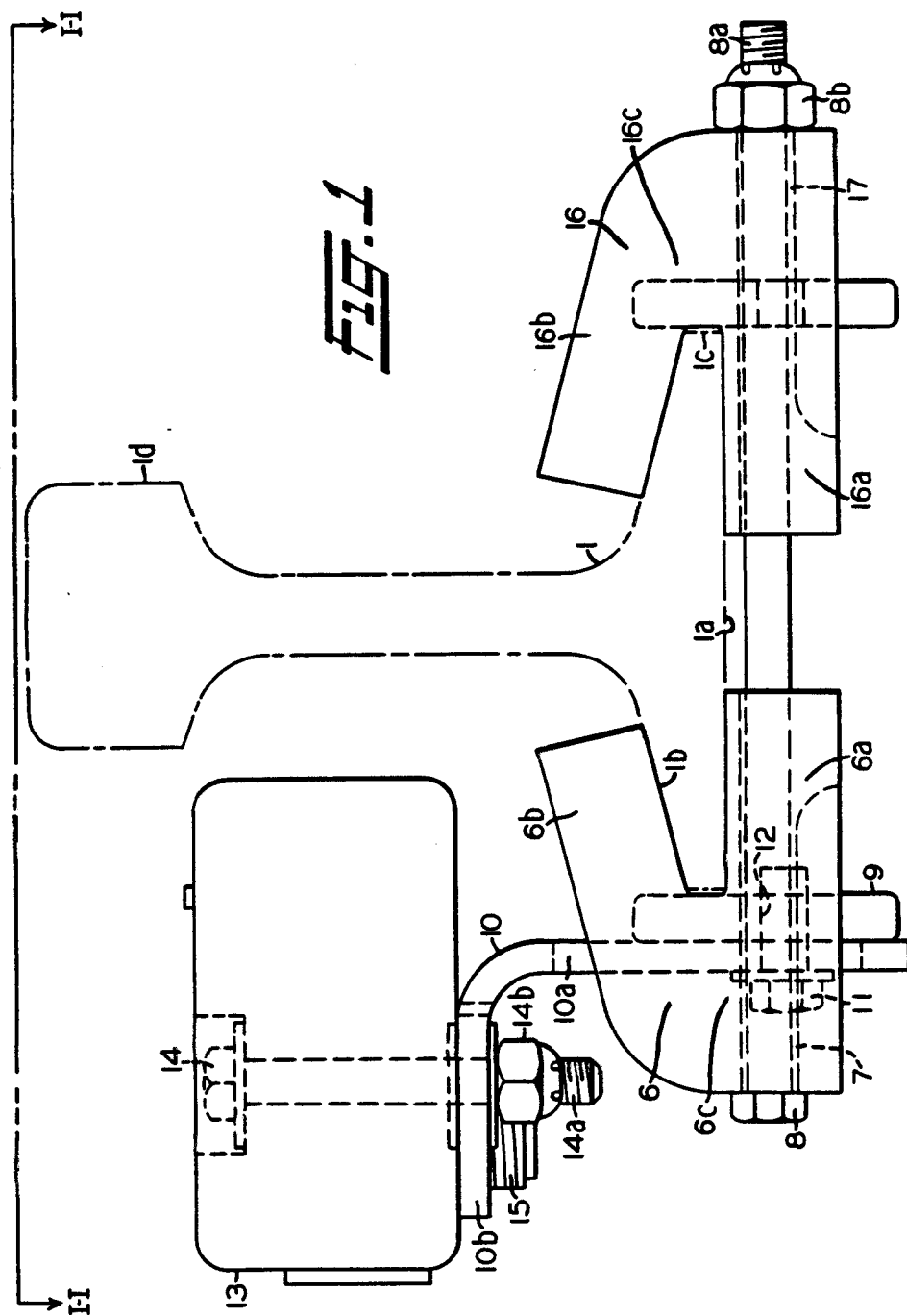


FIG. 2

