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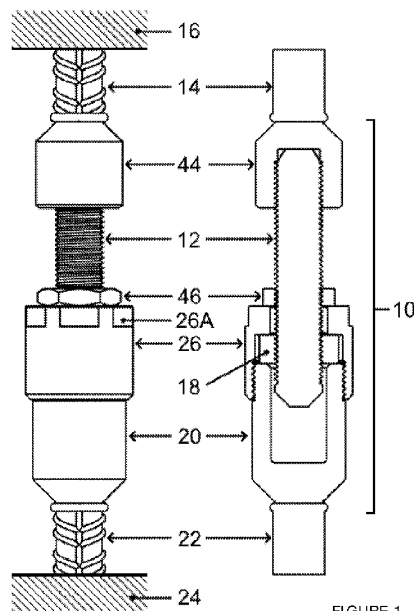


FIGURE 1

(57) Abstract: In a first aspect, the present invention relates to a concrete reinforcement bar coupler for coupling a first and second structural element, comprising a threaded post affixable to a first rebar, an adjustable seating head having an internally threaded aperture, an inner coupler member permanently affixable to an end of the second rebar and comprising an internal cavity adapted to receive an end of the threaded post therewithin, a bearing surface surrounding the internal cavity opening, and an enclosing coupler member being shaped to comprise an internal cavity sized to receive a portion of the inner coupler member therewithin and to slide freely along the threaded post and to encapsulate the adjustable seating head upon engaging with the inner coupler member. Also provided is a method of use of a coupler of the present invention.



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