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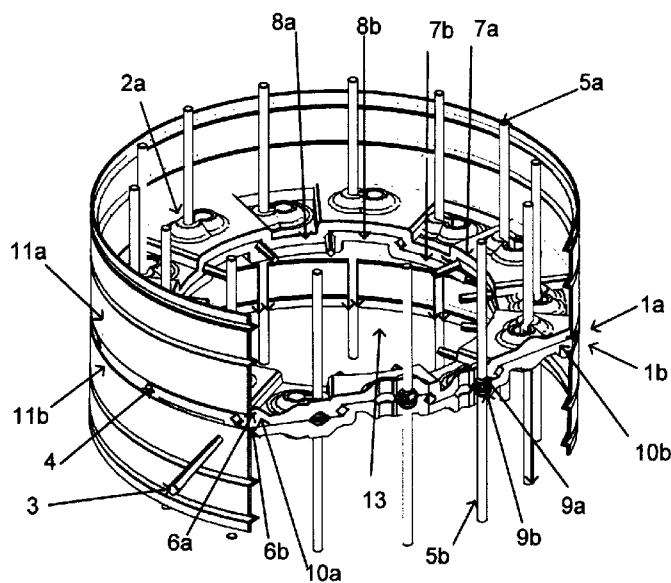


FIG 12

(57) Abstract: The present invention discloses a pair of identical top end plate (1a) and bottom end plate (1b) for joining two separate spun piles by interlocking together at the top end plate (1a) located at the bottom end of the first spun pile (16a) to the bottom end plate (1b) located at the top end of the second spun pile (16b) comprising of; segmental protrusions (8a, 8b) and segmental recesses (7a, 7b) with localised hot forged indentations (2a, 2b) for the prestressed steel tendon (5a, 5b) button head and seating (9a, 9b); a 45 degrees rotation of the square openings (4) leading to a tapered square passageway formed by mating the tapered dovetail groove (14) of the top segmental protrusion (8a) with the bottom segmental recess (7b) and top segmental protrusion (8b); tapered square pins (3) corresponding to the tapered square passageways that can be jammed therethrough the square openings (4) to interlocked the end plates (1a, 1b); outer segmental side edges (10a, 10b) on the underside of the segmental protrusions (8a, 8b) with a deep rectangular groove (6a, 6b) that traverse the circumference on the outer side of the end plate (1a, 1b) such that it can embed the lip

of the circular steel skirt (11a, 11b), and a sloping edge (12a, 12b) on the edges of the segmental protrusion (8a, 8b) above the tapered square pins (3) to avoid compressing the dovetail groove during impact driving.