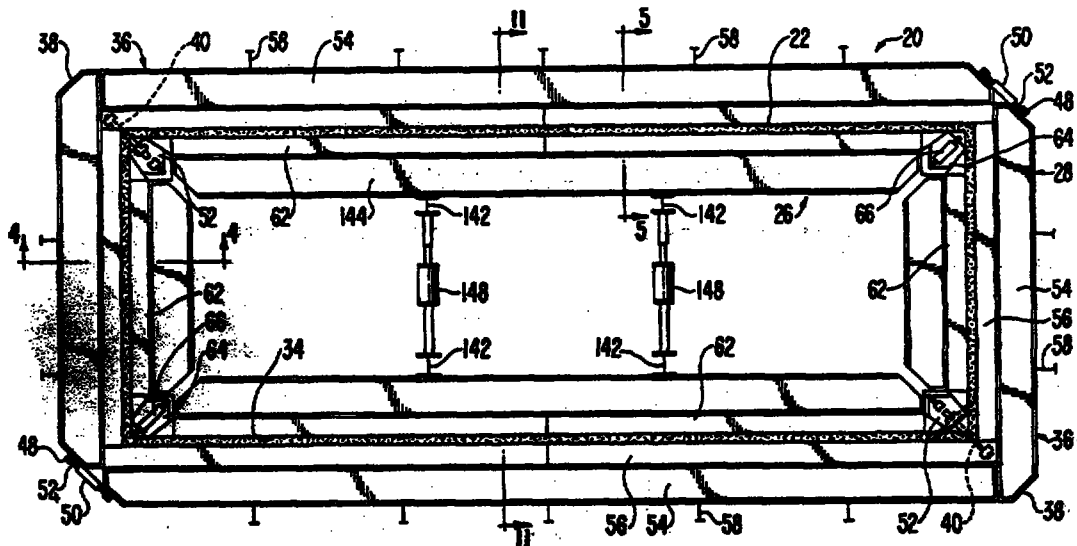


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(54) Title: CONCRETE CASTING SYSTEM**(57) Abstract**

A mold system (20) for casting five-sided, monolithic, seamless concrete products (22) comprises an outside jacket (28), an inside mold core (26) complete with base (24), and a movable pallet (32) to aid stripping. The outside jacket (28) includes two L-shaped panel members (36) which are supported for movement between open and closed positions by a pair of base-mounted corner actuators (40) extending from the fixed base to the apex (38) of each panel member (36). The panel members (36) are also linked to one another by actuators (50) along each of the adjoining two corners of the jacket. The inside core (26) includes four interior panels (62) linked by four inside retractable corners (64). A minimum of two series of actuators (148) also span the middle portion of the inside core (26) and, in conjunction with the actuators (66) in the corner devices (64), function to expand and contract the entire inside core (26). Base supported actuators (150) are fastened to the inside core (26) and each have an adjustable connector rod (154) for selectively engaging the outside panel members (36) against the pallet (32) for supplying additional pressure between the inside core (26) and outside panel members (36) to reinforce the system.