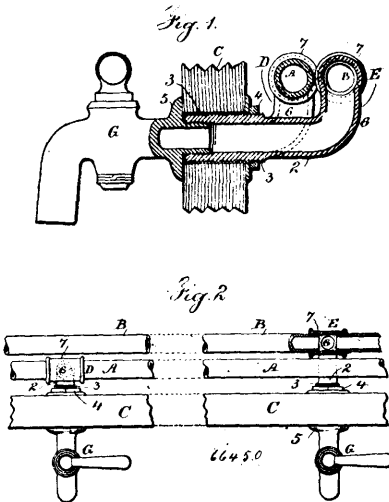


and one of said pair meshing with the gear wheel on the shaft and the other of said pair meshing with the internal gear rim, substantially as set forth. 4th. The combination with a rotary shaft, of two eccentric discs arranged side by side and rotating concentrically with reference to the shaft but independent thereof, an eccentric strap embracing said discs, a gear wheel arranged between said discs and secured to said shaft, an internal gear rim arranged between said discs and secured to said strap, and a pair of connected gear wheels arranged between said discs and journaled thereon, one of said pair meshing with the gear wheel of the shaft while the other of said pair meshes with the gear rim of the eccentric strap, substantially as set forth.

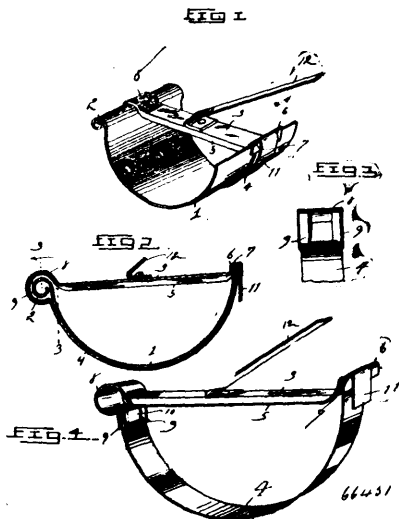
**No. 66,450. Pipe Connection for Tubs.**  
(*Joint de tuyaux pour cuves.*)



Dennis Jacques Galbraith, Plainfield, New Jersey, U.S.A., 1st March, 1900; 6 years. (Filed 13th February, 1900.)

*Claim.*—A coupling for uniting the hot or cold water pipe and the faucet at a washtub or similar article, such coupling having a cylindrical body portion into either end of which the pipe is screwed, an integral downward bend and horizontal pipe at right angles to the body portion, and having a parallel cylindrical exterior surface to pass through the opening in the back of the tub or similar article, and a screw thread around the exterior surface, and a nut screwed upon the same and acting to apply pressure for holding the coupling and faucet in position upon the tub or similar article, substantially as set forth.

**No. 66,451. Eaves-trough Hanger.** (*Porte lamiers de toit.*)

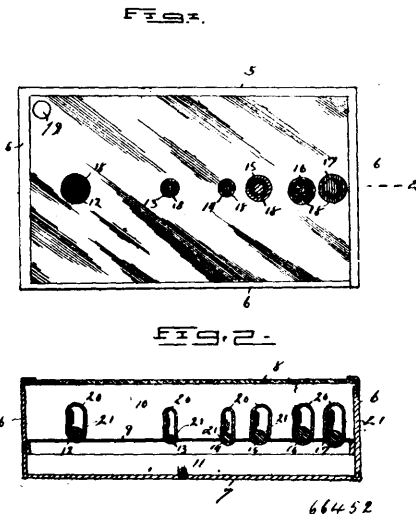


Edward Edwards Taft, Mount Pleasant, Iowa, U.S.A., 1st March, 1900; 6 years. (Filed 7th February, 1900.)

*Claim.*—1st. An eaves-trough hanger, comprising a cross-bar provided at its outer end with an eye for the bead of the trough, and

with inturned clamp flanges at its side edges, and a bowed bottom strap having one end interlocked with said inturned clamp flanges of the cross-bar, substantially as set forth. 2nd. An eaves-trough hanger, comprising a straight cross-bar provided at its outer end with an eye for the bead of the trough, and with inturned clamp flanges at the side edges thereof, and a curved bottom strap having the outer end thereof interlocked with said clamp flanges, substantially as set forth. 3rd. An eaves-trough hanger, comprising a straight cross-bar provided at its outer end with an eye for the bead of the trough, a bottom strap having the outer end thereof interlocked with the similar end of the cross-bar, the inner end of said bottom strap being detachably engaged with the inner end of the cross-bar and extended downward to form an inner anchor or hold-down strap, and an outer anchor or hold-down strap having the upper end thereof connected with the outer end of the cross-bar, substantially as set forth. 5th. An eaves-trough hanger, comprising a cross-bar provided at its outer end with an eye for the bead of the trough and with inturned clamping flanges, a bottom strap having the outer end thereof interlocked with said clamping flanges and the inner end detachably engaged with the inner end of the cross-bar and extended downward to form an inner anchor or hold-down strap, and an outer anchor or hold-down strap having the upper end thereof also engaged by said clamping flanges, substantially as set forth.

**No. 66,452. Puzzle.** (*Jeu de ratiocnee.*)



Albert Ellsworth Libby, Limerick, Maine, U.S.A., 1st March, 1900; 6 years. (Filed 10th January, 1900.)

*Claim.*—1st. A puzzle, comprising a box or casing provided with a transparent top and flexible longitudinal partition, a plurality of various sized holes or openings arranged in a series or group in said partition and provided with vari-coloured borders, an equal number of capsules coloured similarly to the borders of said holes and of such size that the smaller capsules may pass through the larger holes having borders coloured similarly thereto, the larger capsules being adapted to stand in the smaller holes having borders coloured similarly thereto, and a supplemental hole or opening in said partition in one corner thereof through which the smaller capsules may pass, each of said capsules being provided with a ball or weight, substantially as shown and described. 2nd. In a puzzle of the class described, a box, or casing provided with a flexible partition having a plurality of openings, and a plurality of movable bodies adapted to operate in connection with said flexible partition, substantially as shown and described.

**No. 66,453. Puzzle.** (*Jeu de patience.*)

Donald Fuller, Detroit, Michigan, U.S.A., 1st March, 1900; 6 years. (Filed 10th January, 1900.)

*Claim.*—1st. In a puzzle, the combination of a board, a multiple of projections or pins distributed over and secured upon the board top, a cord, and means for detachably securing the cord at its ends to two of the pins, the portion of the cord intermediate the ends being adapted to be partly wound without slack about each of the remaining pins, and the arrangement being such that the winding may be effected without touching any pin twice or crossing the strands. 2nd. In a puzzle, the combination of a board having marked upon its upper surface or top, a plurality of squares arranged