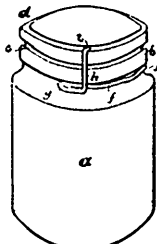


piece of wire, and comprising a loop adapted to be sprung about the neck of the jar or other article, and having its ends formed with return bends, upwardly extending arms and lugs for engaging the cover, and an offset in the loop operating in the manner and for the



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purposes set forth. 2nd. A fastening for jars and the like made of a single piece of wire bent to form a loop adapted to be sprung about the neck of the jar or other article, and having its bend rearwardly, and then upwardly to form arms having lugs for engaging the cover, and an offset in said loop, substantially as and for the purposes set forth.

#### No. 46,831. Chicken Coop. (Cage à volailles.)



Thomas Marr, Buena Vista, Virginia, U.S.A., 3rd May, 1885; 6 years.

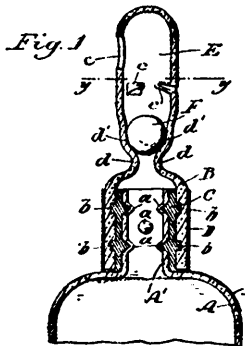
**Claim.**—1st. A coop, oval in cross section, made of slats secured together by wires, having end pieces folding inwards, and having hinges on opposite sides between its upper and lower sections. 2nd. The knock-down coop herein described, comprising the slatted upper and lower sections, the upper section being hinged to the lower section at opposite sides of the coop between the top and bottom thereof, in combination with end pieces hinged to the lower section of the coop, and provided with catches adapted to engage with cross wires at the edge of the top of the coop. 3rd. The combination, substantially as hereinbefore set forth, with the upper and lower sections of the coop and the hinged side pieces, of wire hinges for connecting the upper section to the lower section, and braces of crossed wires above the central hinges. 4th. The combination, substantially as hereinbefore set forth, with the upper and lower sections of the coop, of the hinged end pieces, each provided with a catch consisting of a wire hinged at its central portion and provided with upwardly extending arms working through guides and provided with hooks adapted to engage with the wires employed to secure together the slats of the upper section at their ends. 5th. The combination, substantially as hereinbefore set forth, of the upper and lower sections of the coop, the hinged end pieces and the turn-buckles on the end pieces adapted to engage with slats in the upper section of the coop when it is folded. 6th. A coop provided with a door consisting of a looped wire hinged at one end of the opening to one of the slats of the coop, and having inwardly projecting arms or fingers at its opposite ends, extending over one of the slats of the coop and adapted to be spread apart. 7th. A coop provided with a door consisting of a looped wire hinged at one end of the opening to one of the slats of the coop, having inwardly projecting arms or fingers at its opposite ends extending over one of the slats of the coop, and adapted to be spread apart, and a sliding loop for locking the arms and preventing their spreading when the door is closed. 8th. The combination, substantially as hereinbefore set forth, of the upper and lower sections, hinged side pieces and hinges for securing the upper section to the lower section, consisting of wires secured to the upper section, bent into a triangular form, and looped at the apex of the angle, wires secured to the lower section, bent into triangular form and interlocked with the wires in the upper section, one limb of the triangular wire in the bottom member of the hinge being longer than the other, for the purpose specified.

#### No. 46,832. Non-illable Bottle. (Bouteille à bouchon fixe.)

John Henry Reeland and John Crombie, both of New York, State of New York, U.S.A., 3rd May, 1885; 6 years.

**Claim.** 1st. A non-illable bottle having indentations in its neck, an auxiliary neck surrounding the same and provided with interior grooves, a plaster of paris filling inserted between said bottle neck

and auxiliary neck, and entering the said indentations and grooves to secure the necks together, and a cylindrical head projecting upwardly from said neck and having a valve therein, substantially as shown and described. 2nd. A non-illable bottle having a plurality of indentations in its neck, an auxiliary neck surrounding the same and having interior grooves therein, a plaster of paris filling



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inserted between said bottle neck and auxiliary neck and entering the indentations and grooves therein to secure the same together, an upwardly projecting cylindrical head formed integrally with said auxiliary neck, having a valve seat formed at its junction with said neck, and integral lugs projecting inwardly and substantially horizontally therefrom near the centre thereof, said head having a stopper aperture or mouth in the side thereof, and a valve inserted in said neck, normally resting upon the seat and freely movable to abut against the lugs or projections, substantially as described. 3rd. A non-illable bottle having an auxiliary neck thereon which is closed at the top, and provided with an aperture in the side thereof, a stopper extending transversely through said aperture to bear against the opposite side of the neck, having a plate secured upon the outside thereof to withdraw the same, and a valve inserted in said neck, substantially as shown and described. 4th. A non-illable bottle having an auxiliary neck secured thereto, comprising a main portion, and an integral cylindrical head projecting inwardly at its junction with the main portion to form a valve seat, and provided near its centre with inwardly projecting lugs, said head being closed at the top, and provided with an aperture in its side, a stopper extending transversely through said aperture and bearing against the opposite side of the neck, a segmental plate secured to the outside of said stopper by a rod extending therethrough, and formed of spring metal, having the ends thereof extending around said head to clasp the same and secure said stopper, and a valve inserted in said head and freely movable between the seat and the projections thereof, substantially as shown and described. 5th. A non-illable bottle having a plurality of indentations in the exterior of its neck, an auxiliary neck surrounding the same and provided with interior annular grooves, a plaster of paris filling inserted between said bottle neck and auxiliary neck, and entering the indentation and grooves therein to secure the same together, a sheathing surrounding and secured to the exterior of said auxiliary neck to protect the junction thereof, an upwardly projecting cylindrical head formed integrally with said neck, and having a valve seat at its junction therewith, said head being closed at the top, and having an aperture in the side thereof, a stopper inserted transversely through said aperture and secured to the head, a valve sliding in said head, and means for limiting the movement of said valve, substantially as shown and described. 6th. A non-illable bottle comprising a main vessel having a neck in which are formed a plurality of indentations, an auxiliary neck surrounding the same, and having interior annular grooves therein in alignment with said indentations, a plaster of paris filling inserted between said bottle neck and the auxiliary neck from top to bottom thereof, and inserted in the said indentations and grooves to secure said necks together, a sheathing surrounding said auxiliary neck exteriorly and secured thereto, and having a projection or extension which is secured to the side of the bottle, an integral cylindrical head extending upwardly from said auxiliary neck and inwardly projected at its junction therewith to form shoulders, above which said head is downwardly inclined and interiorly curved to form a valve seat, a ball valve normally resting upon said seat and longitudinally movable in said head, integral lugs projecting horizontally and radially from the inside of said head near the centre thereof to limit the movement of said valve, the said head being closed at the top, and having an aperture in the side thereof, a stopper inserted transversely through said aperture and bearing against the opposite side of the head, a segmental spring metallic plate secured to the outside of said stopper by means of a rod extending therethrough said plate surrounding the said head to secure the said stopper in place, substantially as shown and described.