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(54) **Title:** DEVICE FOR USE IN MONITORING FISH CONDITION

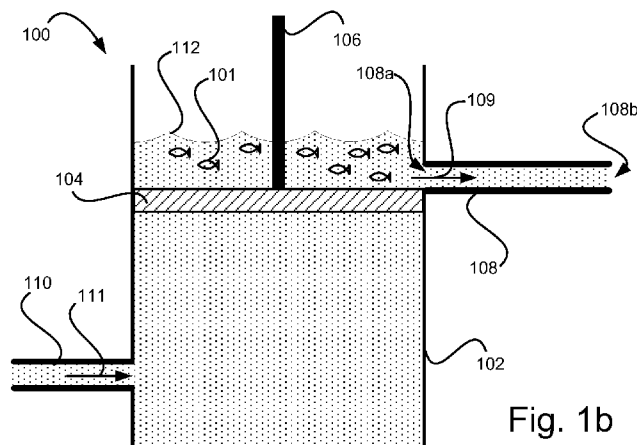


Fig. 1b

(57) **Abstract:** A device and method are presented for guiding fish from a reservoir to a desired destination. The device comprises a water reservoir (102) for containing fish (101) and having an inlet (110) and an outlet (108); first and second conduits connected to respectively the outlet and inlet of the reservoir; and a space reducing assembly (104) within the reservoir. The first conduit (108) serves for guiding a fish flow to a desired location, and comprises an inlet which is joined to the outlet of the reservoir, and has a size and shape configured for receiving only one fish at a given time from the reservoir. The second conduit (110) is configured for introducing water into the reservoir via the inlet of the reservoir, so as to create a water current within the reservoir directed toward the outlet of the reservoir joined to the inlet of the first conduit (108). The space reducing assembly (104) is operable to gradually reduce a volume of water containing the fish in the vicinity of the inlet of the first conduit thereby forcing the fish toward the inlet of the first conduit. The water current in the reservoir directed toward the input of the first conduit and the gradual reduction of water volume in the vicinity of the inlet of the first conduit prevent crowding the fish at the inlet of the first conduit and allow the fish to successively enter the first conduit one fish at a time.



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