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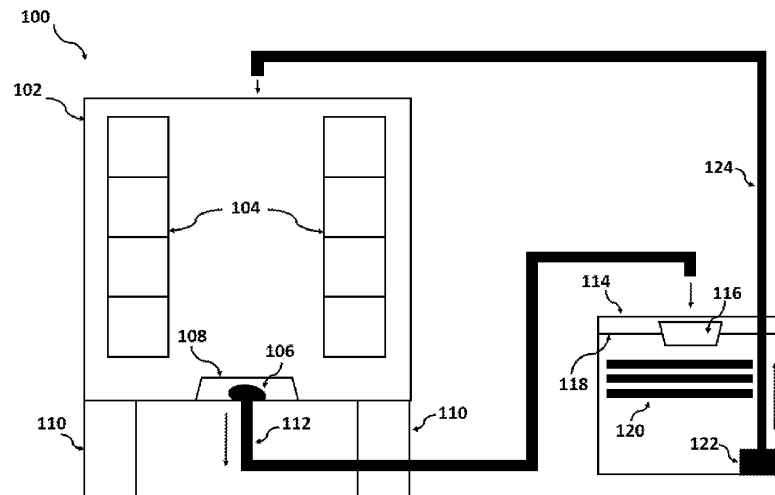


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(54) Title: SYSTEM AND DEVICE FOR SPAWNING AND AUTO-SEPARATION OF EGGS AND LIVE-BIRTH AQUATIC ANIMALS

FIG. 1B



(57) Abstract: Disclosed herein includes an apparatus operable to concurrently spawn and have eggs and live-birth aquatic animals spontaneously removed from the apparatus. The apparatus includes a holding tank that includes one or more housing structures, wherein the one or more housing structures include a crevice configured to house aquatic animals for mating and/or spawning, an outlet at bottom of the holding tank, wherein the outlet is configured with a porous mesh having an average pore size for eggs and live-birth aquatic animals to be removed from the holding tank, an aeration element to channel air bubbles into the holding tank, wherein the aeration element is arranged circumferentially proximal to the porous mesh and away from the one or more housing structures, and a collection tank in fluid communication with the holding tank for receiving the eggs and the live-birth aquatic animals. A system including one or more of the apparatus is disclosed herein.

[Continued on next page]

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