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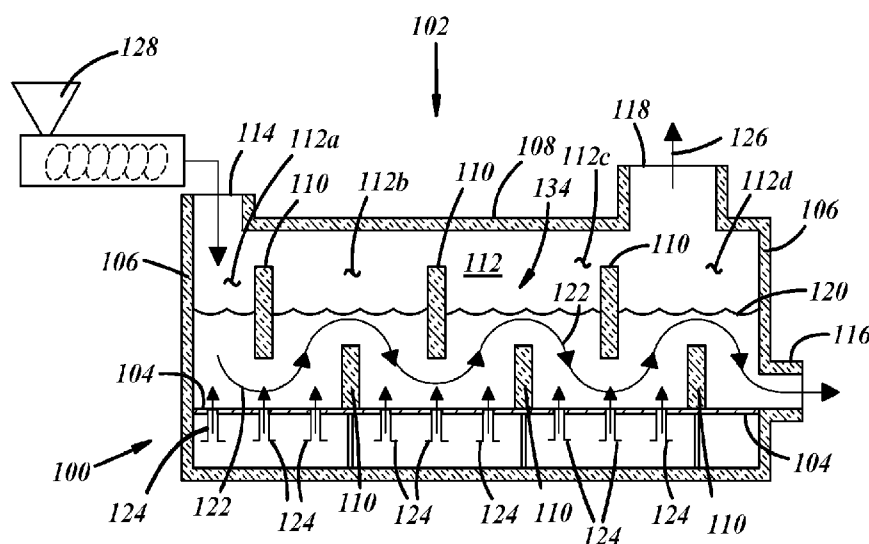
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(54) Title: MULTI-CHAMBER SUBMERGED COMBUSTION MELTER AND SYSTEM

**FIG. 1A**

(57) **Abstract:** A submerged combustion melter (102, 202, 302, 402, 502) and system (100, 200, 300, 400, 500) are disclosed. The submerged combustion melter includes a bottom wall (104), at least one side wall (106) extending upwardly from the bottom wall, a crown (108) extending inwardly with respect to the at least one side wall and over the bottom wall to establish a melting chamber (112), an exhaust port (118) configured to exhaust gas from the melting chamber, at least one baffle (110, 210, 310, 410, 510) extending from the at least one side wall to divide the melting chamber into melting sub-chambers (112a, 112b, 112c, 112d, 112e, 112f, 112g) that share the exhaust port, at least one inlet (114) configured for introducing a glass batch into the submerged combustion melter, and at least one outlet (116) configured to remove molten glass from the at least one melting chamber.



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