

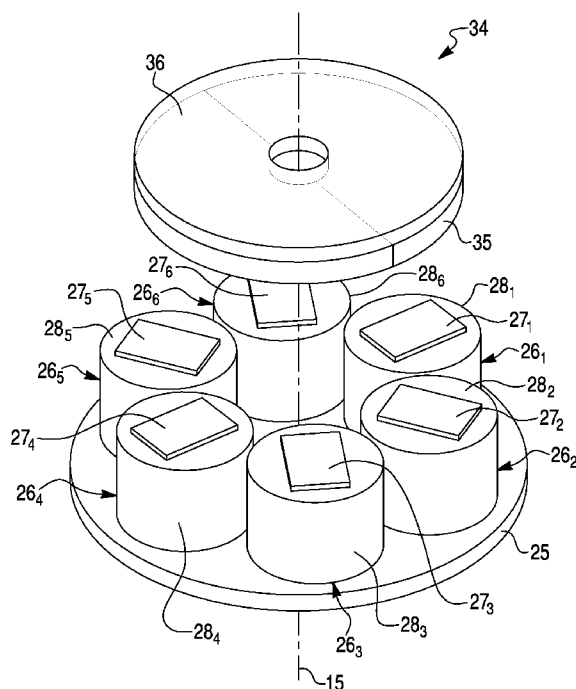


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[Continued on next page]

(54) **Title:** ELECTROMAGNETIC CIRCULATION PUMP

Fig. 3A



(57) **Abstract:** A fluid pump assembly is used in combination with a container having a wall. The pump assembly comprises a first casing disposed outside the container, a first magnetic assembly including a stationary magnetic drive member non-rotatably mounted to the first casing, a second casing disposed inside the container, and a rotatable second magnetic assembly mounted to the second casing and including a rotatable magnetic driven member drivingly coupled to a fluid motion imparting device. The magnetic drive member comprises electromagnets non-rotatably mounted within the first casing so that the electromagnets are provided to be energized in succession to create a rotating magnetic field for continuously rotating the rotatable magnetic driven member. The second casing is detachably securable to the wall solely by the magnetic attraction force between the magnetic drive member and the magnetic driven member.



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