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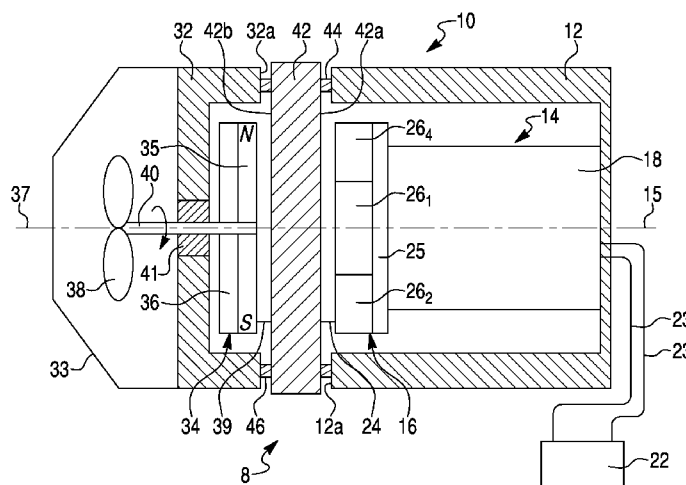
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(54) Title: ELECTROMAGNETIC CIRCULATION PUMP

Fig. 1B



(57) Abstract: A fluid pump assembly 10 is used in combination with a container 2 having a wall. The pump assembly comprises a first casing 12 disposed outside the container, a first magnetic assembly 14 including a stationary magnetic drive member 16 non-rotatably mounted to the first casing, a second casing 32 disposed inside the container, and a rotatable second magnetic assembly 34 mounted to the second casing and including a rotatable magnetic driven member 35 drivingly coupled to a fluid motion imparting device 38. The magnetic drive member 16 comprises electromagnets 261-266 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 34. 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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