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(54) Title: ENERGY HARVESTING DEVICE AND METHOD OF HARVESTING ENERGY

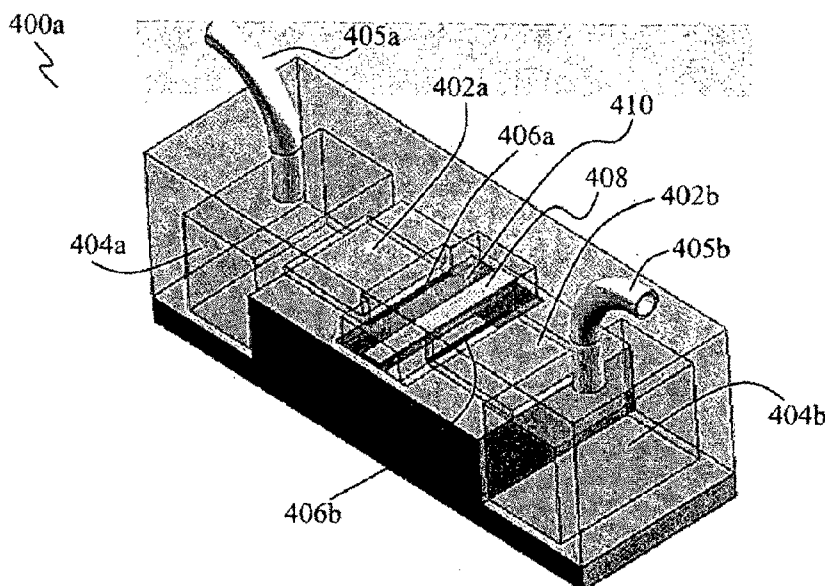


FIG. 4A

(57) Abstract: According to embodi-
ments of the present invention, an en-
ergy harvesting device is provided. The
energy harvesting device includes a mi-
crochannel arranged to receive a fluid, a
bluff body arranged to interact with the
fluid flowing through the microchannel
to generate a vortex fluid street, and an
energy harvesting element arranged to
interact with the vortex fluid street to
harvest energy from the fluid. Accord-
ing to further embodiments of the
present invention, a method of harvest-
ing energy is also provided.



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