IMPROVED PORTABLE HYDRO-GENERATOR

ABSTRACT

A portable hydro-generator for generating electrical energy may include a housing including a storage portion configured to store fluid; a first fluid tank attached to the housing and configured to store fluid; a fluid conduit arranged on the storage portion; a rotating element arranged within the housing; a pedal chain arranged through the storage portion and partially around the rotating element within the housing; and a power generator attached to the rotating element. In use, the fluid conduit may be engaged with a fluid pump to extract fluid from the storage portion to create a vacuum space within the storage portion. Upon creation of the vacuum space within the storage portion, the fluid within the first fluid tank may urge the pedal chain to rotate the rotating element to produce rotational energy. The power generator may convert the rotational energy to electrical energy.

FIG. 1