

## **A WATER DEBRIS SKIMMING DEVICE**

### **ABSTRACT**

A cylinder (101) which can be submerged just beneath the surface of the sea, having a pump (109) to remove continuously water which has entered through the cylinder's (101) mouth. A pump (109) is provided to remove water by an outlet of the cylinder. A filter such as a wire mesh and/or filter bag (201) is placed at the outlet to trap debris (102) which has entered into the cylinder (101), therefore filtering water leaving the cylinder (101). The pump 109 is powered by a floating solar panel (401). The cylinder (101) can be deployed to clean sea water of physical without needing continuous human operation.

Figure 1