

(54) Title of the invention : A SOLAR ENERGY POWERED OIL SKIMMER

(51) International classification	:B01D17/02, E02B15/04, F24S20/00	(71)Name of Applicant : 1)SACHIKA TOMER Address of Applicant :B-35, Virnagar Society-2, VIP Road Karelibaug, Vadodara, Gujarat – 390018 INDIA vadodara -----
(86) International Application No	:NA	Name of Applicant : NA
Filing Date	:NA	Address of Applicant : NA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SACHIKA TOMER
Filing Date	:NA	Address of Applicant :B-35, Virnagar Society-2, VIP Road Karelibaug, Vadodara, Gujarat – 390018 INDIA vadodara -----
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
ABSTRACT “A SOLAR ENERGY POWERED OIL SKIMMER” The present invention related to a solar energy powered oil skimmer. More particularly, it is a skimmer for cleaning oil spills in water that is powered by solar energy. The solar energy-powered oil skimmer (100) comprises a solar panel (1), a separation tank (2), a plurality of floats (3), a pump (4), a shaft (5), a propeller (6), a collection tank (7), an inlet pipe (8), and an outlet pipe (9). The solar panel (1) is capable of powering the pump (4), which extracts the oil-water mixture into the collection tank (7). Fig. 1

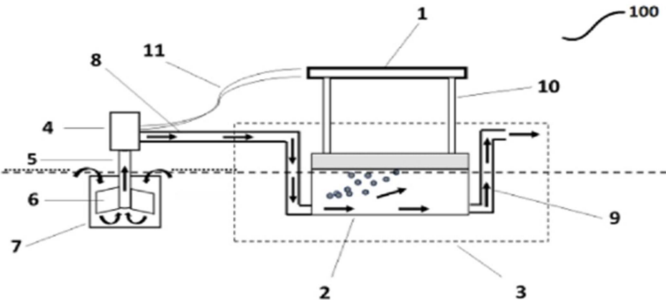


Fig. 1

No. of Pages : 16 No. of Claims : 7