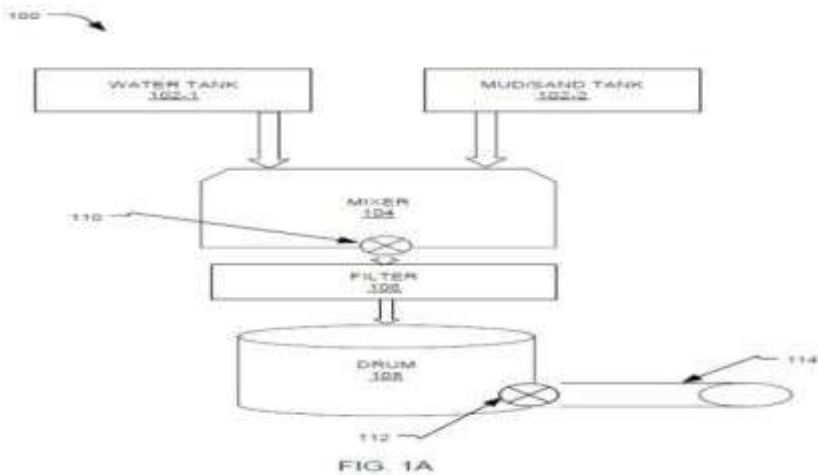


(54) Title of the invention : AN EFFICIENT FIRE EXTINGUISHING APPARATUS

(51) International classification	:C02F0001660000, G01F0023296000, G06T0007000000, B67D0001080000, F28D0007020000	(71) <b>Name of Applicant :</b> <b>1)Chitkara Innovation Incubator Foundation</b> Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh- 160009, India. Punjab India
(31) Priority Document No	:NA	(72) <b>Name of Inventor :</b>
(32) Priority Date	:NA	<b>1)GUPTA, Sheifali</b>
(33) Name of priority country	:NA	<b>2)AHUJA, Sachin</b>
(86) International Application No	:NA	<b>3)GUPTA, Rupesh</b>
Filing Date	:NA	<b>4)SHARMA, Aaishwarika Raj</b>
(87) International Publication No	: NA	<b>5)POONAM</b>
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an aspect the present disclosure provides an efficient fire extinguishing apparatus. The apparatus includes: at least two storage tanks for storage of water and sediment such that the water and the sediment is stored in respective storage tank of the at least two storage tanks; a mixer tank having at least two inlets to receive the stored water and the stored sediment from, the mixer tank is adapted to mix the received water and sediment to form a homogeneous mixture; and an output storage tank having an inlet to receive and store the formed homogeneous mixture, the output storage tank having a first rotary device configured with an outlet of the output storage tank to generate a forced draught of the stored homogeneous mixture, wherein the generated forced draft of the stored homogeneous mixture enables efficient extinguishing of fire, and wherein the homogeneous mixture facilitates efficient extinguish of the fire.



No. of Pages : 15 No. of Claims : 9