BRINY SAVER

Harsh Jindal[1], Kushal Singh[1*]

Department of Computer Science Engineering Chandigarh University, Punjab [1,1*]

ABSTRACT:

We tried to provide a system of two machines to put sea water which is present in abundance to use for household and drinking purposes as only 3% water is available on now by this paper, we tried to combine two machines for the extraction and supply of water. One machine will extract water and other will supply it to households. Specially, we can use this for extracting water for all daily need works like washing clothes, utensils, vehicles and bathing and to make it fit drinking water. We had tried to connect a purifier which will remove saltiness and other chemicals present in sea water. Basically, we made to setup a whole sea plant in means of Hydro machines, submersible pump and motor and underground pipelines which carry sea water to every household so that every local household get access of one sea valve. we here want to implement the machines to large scale to make its actual benefit. We will plant Hydro machines, submersible pumps and motors on the coastline and we will lay underground pipelines in whole city so that every household get access of at least one sea valve. This will help us so much in dealing with water crisis.

Keywords:

Valve, submersible, centrifugal, padlock, unbolted.

Abbreviations:

HSP-Hydraulic Submersible Pump

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1. INTRODUCTION:

We can extract water from sea through techniques like submersible etc. Once water is extracted from sea it will directly go into the underground pipelines that will carry the seawater to each house in its radius. But for that we First have to lay pipelines all over the city. We are extracting and transforming water in a very large amount to all machines and Setups will be large in size. The concept we used is Electric submersible pumps which have continuous period centrifugal pumps working in an upright position so liquids, quicken up from force, lose their driving force in the verbose where a change of driving force to coercion occurs. This is the important working apparatus of spiral and interlinked course drives. In HSP, the electric stepper machine is a pneumatic stepper over galvanically stepper, the padlock circle retaining the power liquid unconnected formed liquid or unbolted padlock blending the ability liquid with formed fluid substantive surface unconnected. The drive pole linked to petrol delimiter by automatic integration on base of the drive.

2. METHOD:

We had tried to design a machine by which liquid comes into the drive by an input conceal and raised up from the drive phase. Rest bits comprise circular holdings dispersed with area of the pole giving spiral help to drive pole. A voluntary shove bearing brings above bit of the axile strength appearing in drive but almost all of these impacts are moped up by savers voluntary upholding. The bolt underwater craft drives, a metal bolt which is operational in them. The bolt gives permission to drive to do exertion in liquid with huge strand portions and automatic adulteration. Mixing the both machines we have to build our own customize setup of submersible for our binary saver. For purification we used stones and few filter papers while transporting water from pipelines and we had tried to use a process of reverse osmosis for removing saltiness of water.

3. Result:

The device that the inventive method builds can make sea water come into use of our daily life the device that the inventive method builds can make sea water come to our home through valve which we can use to wash clothes, wash dishes, cleaning, flushing, washing vehicles and all the other irrelevant activities which does not

require drinking water. the device that the inventive methods build can help to save huge amount of drinking water.

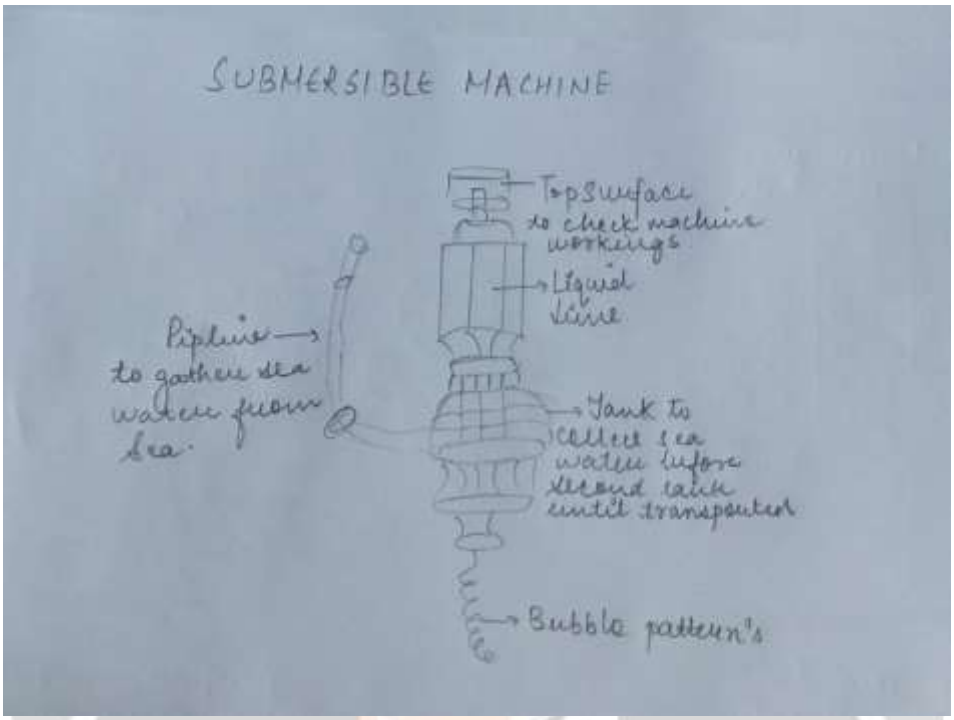

Fig1: The complete submersible machine.

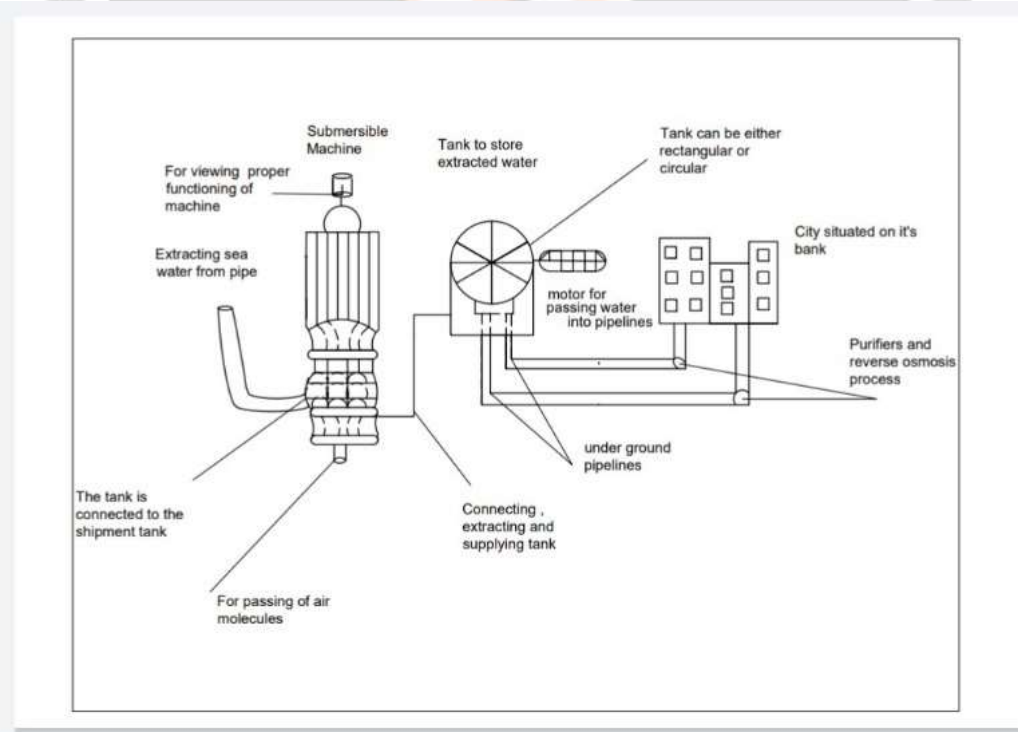

Fig2: The complete combination of two machines.

4. Discussion:

In various earlier theories the machines are used separately but are not combined so they are not as successful as estimation but now we without violating nature and its conditions we made that two machines combined to give the result as pure water.

5. Conclusion:

Besides giving some unrealistic approach the optimization approach proves to be a breakthrough in solving complex machine structure problem with a very simple and easy structures. We tried to make and combine two different machines to get a productive result that is usage of sea water. Reverse osmosis to water saltiness in water has to be used before sending the water to pipelines and we had used a process of reverse osmosis for removing saltiness of liquid.

6. References

1. www.wikipedia.org (For definitions)
2. Electrical Submersible pump by Elsevier Page 101 to 105.
3. www.google.com