

IF I COULD INVENT SOMETHING NEW

Something extraordinary! Something that will help not just in my country but worldwide. Something that even scientists have yet to achieve! I call it “**THE SPI-HYDRO**”.

The *spi-hydro* is a device that helps divers around the world to swim in large water bodies like the ocean for a long period. The ocean is very mysterious. It covers seventy percent of the earth and yet just five percent has been discovered. Fishermen worldwide always tell stories of mysterious things that they see in the ocean. This has sparked the interest of people worldwide. They want to know what is in the deep depths of the mysterious ocean. Scientists have made efforts by creating water tanks that help divers stay in the water for 30-45 minutes at a 10-18 depth. This has helped a lot of divers explore the ocean. The problem is that it is not enough to go to deep depths in the ocean. The tank cannot last for long thereby limiting divers to a short period in the ocean. Scientists saw this and countered it by making the “exolung.” This device helps people stay underwater for a long period as long as they swim. It uses the diver's leg movements to draw fresh air from the surface at depths of five meters. But then, humans eventually get tired. They cannot keep swimming to sustain air thereby limiting time in the ocean. This brings me to my creation the “**SPI-HYDRO**”.

The *spi-hydro* counters the problems of the exolung. It is a device that works with air from the surface of the water and the water and plants in the ocean. Plants breathe out oxygen which is what humans need for respiration and water contains air in it. The *spi-hydro* collects water and converts it at a very high rate to air which enables the divers to breathe. It is a two-sided device that is shaped like a helmet. The first side is the part closest to the face while the second part contains the device that converts the air into water for breathing. You might counter this by saying that even if the device converts the water to air, it will not sustain the diver. But when this is combined with the surface air, it gives the diver more time to stay in the water. This counters the problem of the exolung because whether you are moving or not you would still be breathing in the water.

With *spi-hydro*, I believe that divers and explorers will discover up to 20 percent of the ocean. It makes an amazing device that helps not just divers but people globally to explore and be amazed by the mysterious things in the ocean. It broadens our horizons about the ocean and makes us enjoy it better. Like the quote by Robert Wylan.”The ocean stirs the heart, inspires the imagination, and brings eternal joy to the soul.”

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