?? Probotic Secures Patent for Autonomous Fish Farm Cleaning System

Description

Press release from Probotic

Probotic Secures Patent for Autonomous Fish Farm Cleaning System

Probotic has secured a new patent for its innovative cleaning system for fish farms.
The patent covers both marine and land-based fish farms and represents a significant milestone for the company, which has been working hard to create a system that efficiently cleans fish pens autonomously while minimizing damage to the pens and fish.
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The innovative system combines advanced robotics and artificial intelligence to clean fish pens autonomously and efficiently. The company has conducted real-world tests of the system during the last eight months in partnership with Ballangen Sjøfarm, making significant improvements to ensure the system can withstand harsh conditions over time.?

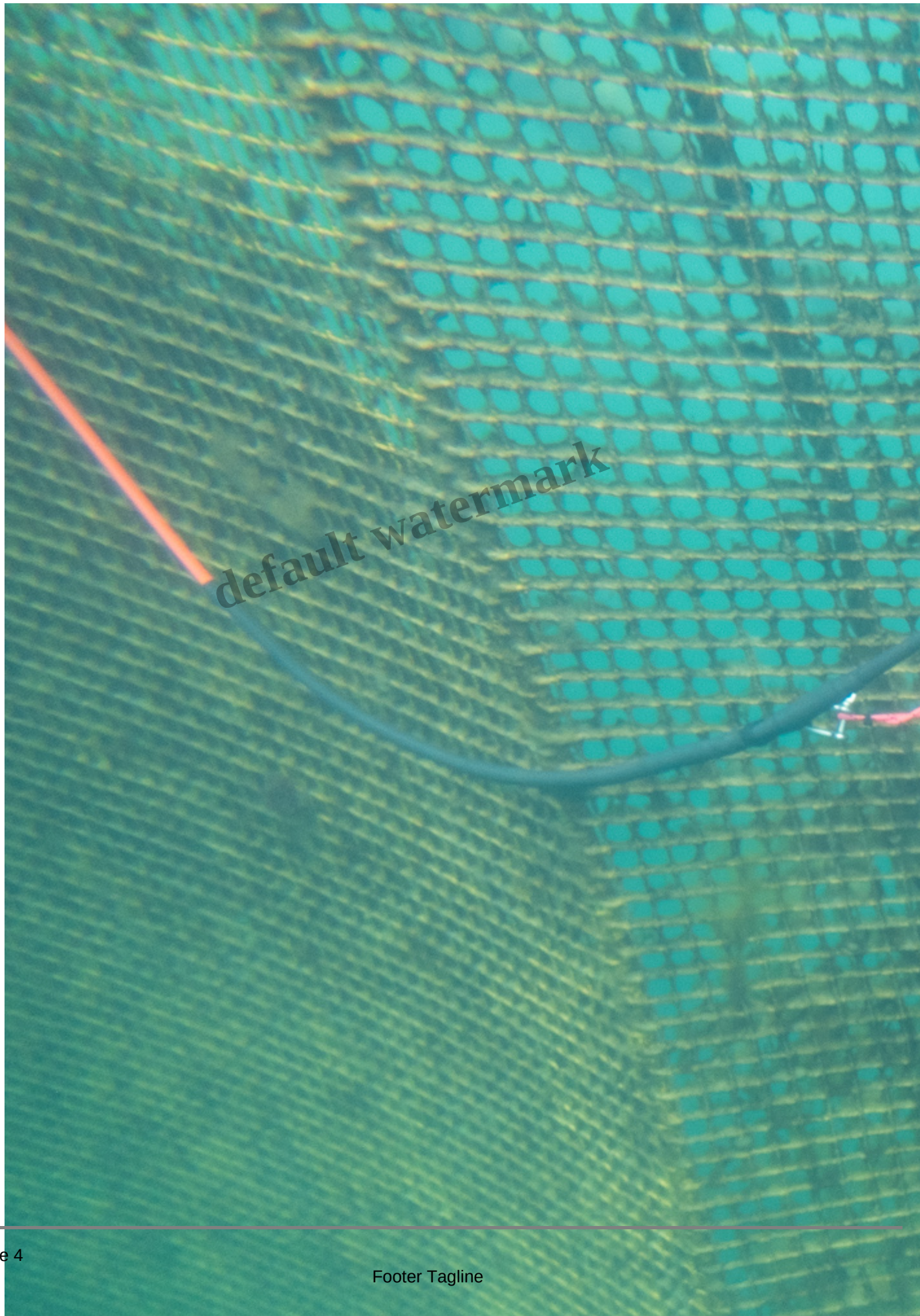
“We are thrilled to have received this new patent in Norway, It is a testament to our team’s hard work and dedication and a major step forward in our efforts to revolutionize the aquaculture industry.”

Summary of the new patent?
Probotic’s autonomous cleaning vessel for cleaning of an aquatic organism containing structure of an aquatic organism breeding farm comprises a body, a cleaning system provided at least partially outside of the body, a propulsion system for moving the vessel relative to the structure, and a navigation system for controlling the propulsion system. The navigation system comprises a route planner, an orientation sensor for measuring a parameter representative of the current orientation of the vessel, and a depth sensor for measuring a parameter representative of the current depth of the vessel. A central processing unit controls the propulsion system based on information from the orientation sensor, the depth sensor, and the route planner. The central processing unit is configured to control the propulsion system to keep the vessel in physical contact with the structure.

“We have overcome the biggest potential challenges for our system and are now scaling testing, also including new fish farmers and locations. We are also preparing for a commercial pilot later this year, which is one step on our plan to bring our technology to the market and revolutionize how we clean and inspect fish pen nets.”

Probotic’s patent marks a significant validation of the company’s technology and positions it well to attract investment and partners to bring its innovative system to the market. The company remains committed to developing new solutions that can increase the productivity of fish farms while minimizing their environmental impact.

Stay tuned for more exciting developments from Probotic as the company continues to innovate and lead the way in the aquaculture industry.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