

SỞ HỮU TRÍ TUỆ TRONG KHỞI NGHIỆP



Ts. NGUYỄN THANH MỸ

RYNAN® TECHNOLOGIES VIETNAM JSC., TRÀ VINH, VIETNAM

CTU 16/06/2023

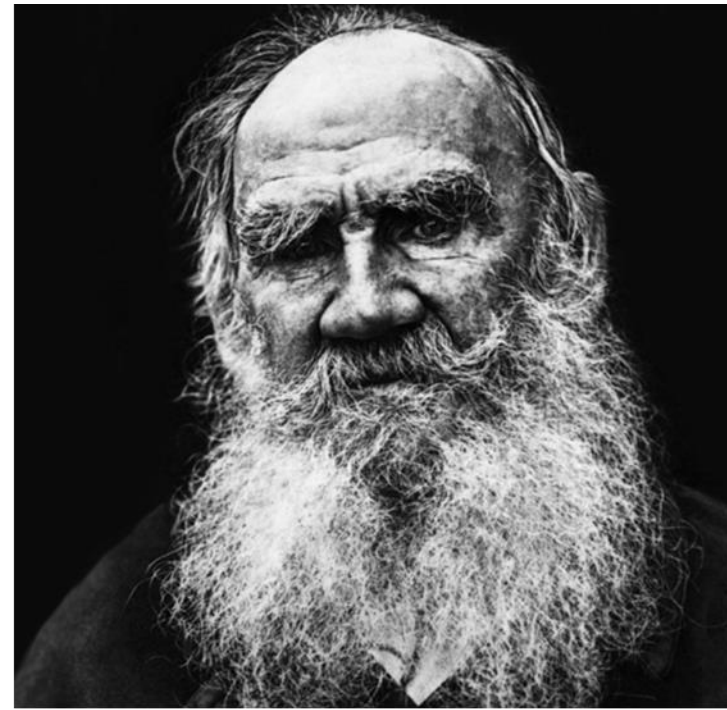
KHỞI NGHIỆP PHẢI KHÁC BIỆT



PETER THIEL (PAYPAL & PALANTIR)

KHỞI NGHIỆP

**THÀNH CÔNG RẤT KHÁC BIỆT
THẤT BẠI RẤT GIỐNG NHAU
KHÔNG CÔNG THỨC THÀNH CÔNG**



LEO TOLSTOY

GIA ĐÌNH

**HẠNH PHÚC RẤT GIỐNG NHAU
ĐỔ VỠ RẤT KHÁC BIỆT
CÓ CÔNG THỨC HẠNH PHÚC**

QUY TRÌNH KHỞI NGHIỆP

Ý TƯỞNG → THỰC HIỆN → BỀN VỮNG

OPPORTUNITY

XÁC ĐỊNH NHU CẦU
CỦA CỘNG ĐỒNG

CÓ Ý TƯỞNG VÀ
GIẢI PHÁP ĐỘT PHÁ

CHUẨN BỊ
ĐỂ KHỞI NGHIỆP

ĐĂNG KÝ THÀNH LẬP
DOANH NGHIỆP

PHÁT TRIỂN
SẢN PHẨM

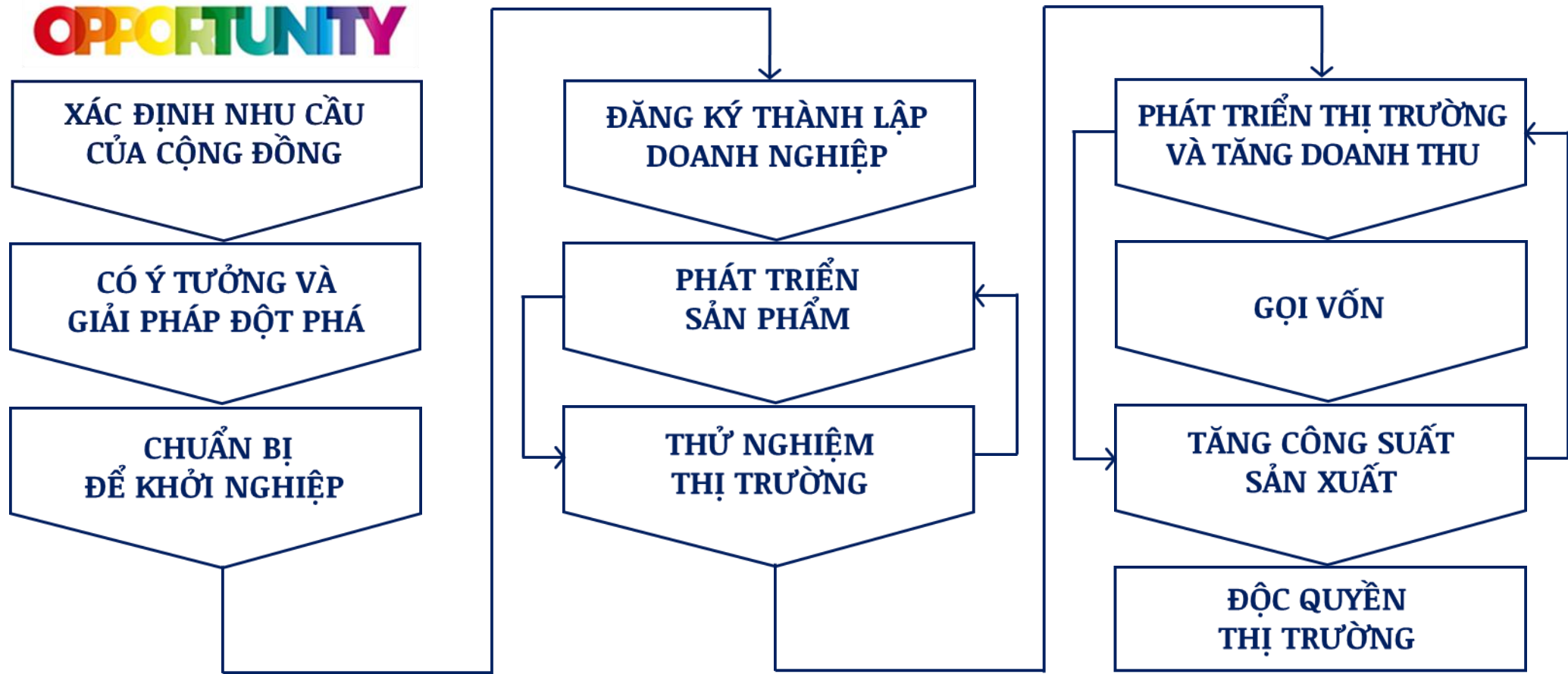
THỬ NGHIỆM
THỊ TRƯỜNG

PHÁT TRIỂN THỊ TRƯỜNG
VÀ TĂNG DOANH THU

GỌI VỐN

TĂNG CÔNG SUẤT
SẢN XUẤT

ĐỘC QUYỀN
THỊ TRƯỜNG



Ý TƯỞNG

NGHIÊN CỨU
(DISCOVERY)

ỨNG DỤNG
(INVENTION)

THƯƠNG MẠI
(INNOVATION)

ĐỘC QUYỀN
THỊ TRƯỜNG

XÂY DỰNG HÀNG RÀO SỞ HỮU TRÍ TUỆ

SẢN PHẨM

BẮT
CHƯỚC
?

DỄ

ĐĂNG KÝ
BẢN QUYỀN

- TÍNH MỚI
(NOVELTY)
- TÍNH SÁNG TẠO
(INVENTIVE STEP)
- TÍNH ỨNG DỤNG
(INDUSTRIAL
APPLICABILITY)

KHÓ

BÍ MẬT
THƯƠNG MẠI



LOẠI SỞ HỮU TRÍ TUỆ ?

- ✓ THƯƠNG HIỆU (BẢO HỘ 10 NĂM CÓ THỂ GIA HẠN)
- ✓ BẢN QUYỀN KIỂU DÁNG (BẢO HỘ 5 NĂM CÓ THỂ GIA HẠN)
- ✓ BẢN QUYỀN GIẢI PHÁP HỮU ÍCH (BẢO HỘ 10 NĂM)
- ✓ BẢN QUYỀN SÁNG CHẾ (BẢO HỘ 20 NĂM)

ĐĂNG KÝ BẢO HỘ Ở ĐÂU ?

- ✓ QUỐC GIA NƠI SẼ BÁN SẢN PHẨM
- ✓ QUỐC GIA NƠI CÓ ĐỐI THỦ CẠNH TRANH

GIÁ TRỊ MANG LAI ?

- ✓ ĐỘC QUYỀN BÁN SẢN PHẨM
- ✓ CÔNG CỤ ĐỂ THƯƠNG LƯỢNG VỚI ĐỐI TÁC
- ✓ TĂNG GIÁ TRỊ KHỞI NGHIỆP KHI GỌI VỐN



botnetTM

BẢN QUYỀN SÁNG CHẾ (BẢO HỘ 20 NĂM)



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DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JM, JO, JP, KE, KG, KH,
KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA,

(54) Title: MULTI-FUNCTION DEVICE USED FOR INTENSIVE SHRIMP FARMING AND INTENSIVE SHRIMP FARMING SYSTEM USING THIS DEVICE

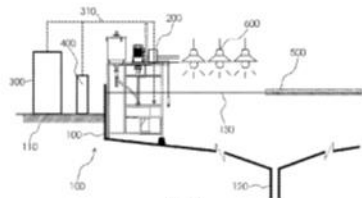
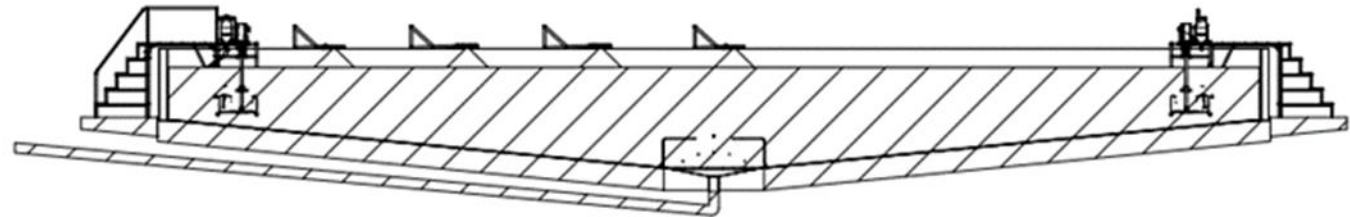
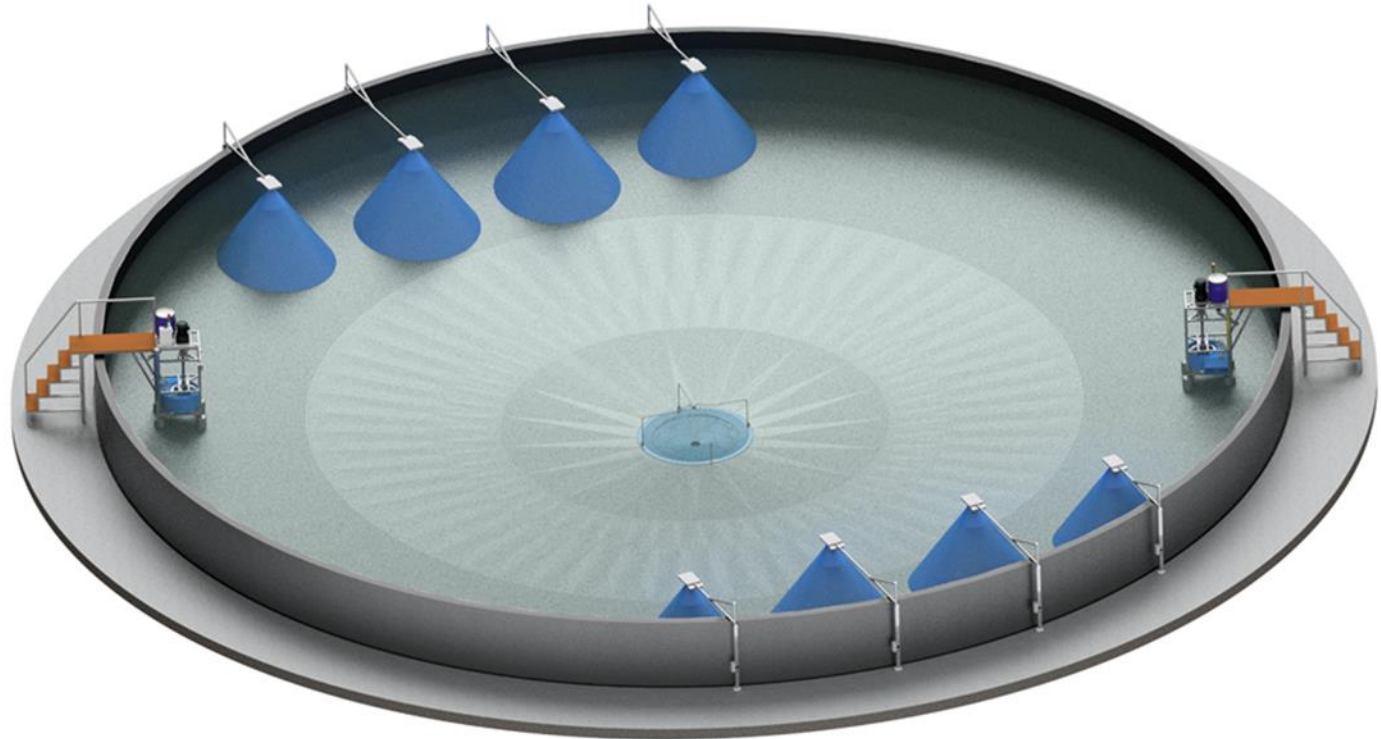


Fig. 1B

(57) Abstract: Provided are a multi-function device for intensive shrimp farming and intensive shrimp farming systems using this device. The system comprises: shrimp ponds (100) with brackish water pumped from rivers or seas then treated with chemicals, sedimentation and micro-organisms; at least one multifunction device (200) to generate water flow, dissolve molecular oxygen, deliver and dispense shrimp feed and provide solution containing minerals, micro-organisms and other additives; pure oxygen supply device (300) capable of generating oxygen from the air to supply oxygen with purity higher than 90% to water in intensive culture pond to achieve consistently higher concentrations of dissolved oxygen saturated dissolved oxygen concentration; a network of porous sheets floats on the water to reduce the diffusion of oxygen molecules from the water to the air; and a network of lights for providing artificial light to change the feeding cycle of shrimp with industrial and natural food. The system according to the invention, with the integration of many parts (wherein the multi-function device is the most important), helps to highly automate the shrimp farming process, the parts are arranged reasonably, coordinate and operate flexibly to help the shrimp farming system be more active and high intensification, improve the efficiency in shrimp farming, and reduce production costs.



WO 2023/062438 A1

BẢN QUYỀN KIỂU DÁNG (BẢO HỘ 5 NĂM)



REPUBLIC OF SINGAPORE
REGISTERED DESIGNS ACT (CHAPTER 266)
CERTIFICATE ISSUED UNDER SECTION 18

DESIGN NUMBER : 30202250212F
DATE OF REGISTRATION : 25 July 2022
TO : RYNAN Technologies – Vietnam Joint Stock Company

I HEREBY CERTIFY that under the provisions of the Registered Designs Act, your name has been entered in the Register as proprietor of the above Design Number as from 25 July 2022 in Class and Subclass 15-03 in respect of the following:

Multi-function system used in aquaculture

DATE OF ISSUE OF CERTIFICATE : 17 August 2022



Rena Lee
Mrs. Rena Lee
Registrar of Designs
Singapore

Registration is for a period of 5 years and may be renewed at the expiration of this period and upon the expiration of each succeeding period of 5 years.



**HỆ THỐNG ĐA NĂNG
MFD370A**



**HỆ THỐNG ĐA NĂNG
MFD550A**

BẢN QUYỀN SÁNG CHẾ (BẢO HỘ 20 NĂM)



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- (71) Applicant: RYNAN TECHNOLOGIES PTE. LTD.
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- (81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
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DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN,
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ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
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(54) Title: SMART AQUACULTURE GROWTH AND HEALTH MONITORING SYSTEM

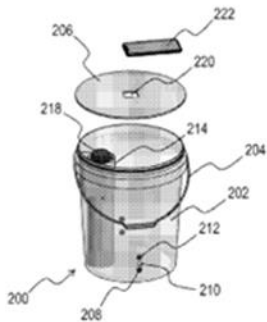
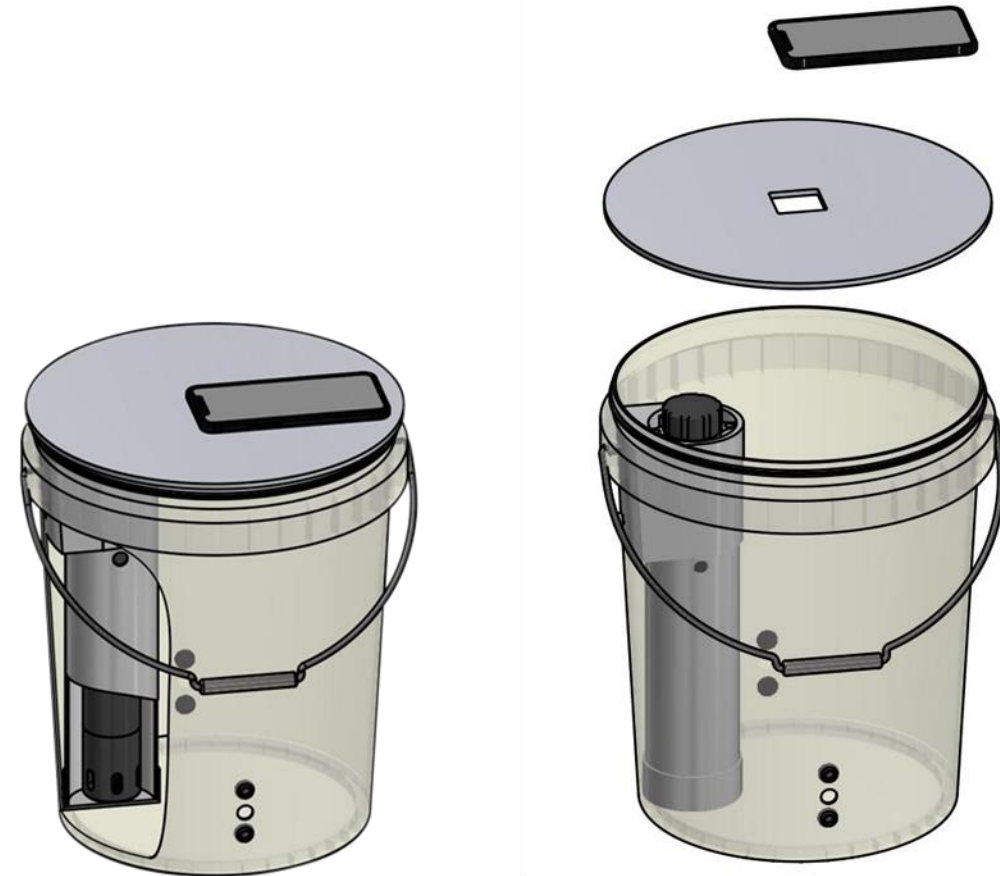


Figure 2A

(57) Abstract: There is provided a smart aquaculture growth and health monitoring system and method for monitoring the growth and health of an aquatic species present in an aquaculture growth habitat. The system comprises a georeferenced location beacon of the growth habitat, a sample container to sample water and aquatic species from the growth habitat and being configured to permit an electronic device having camera such as a smart phone to acquire digital visual data on said sample, a processor is communicatively linkable to the electronic device and optionally to a communications network, the processor being operable to receive the digital visual data, determine, based on the digital visual data, growth and/or health parameters of the aquatic species in the sample; and to retransmit data on the growth and/or health parameters of the aquatic species back to the electronic device.

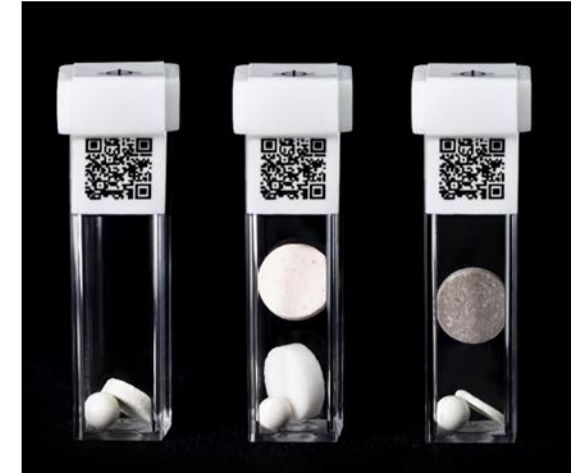
HỆ THỐNG THEO DÕI TĂNG TRƯỞNG VÀ SỨC KHỎE THỦY SẢN THÔNG MINH



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BẢN QUYỀN SÁNG CHẾ (BẢO HỘ 20 NĂM)



MÁY QUANG PHỔ

KIT TEST

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(54) Title: SPECTROPHOTOMETRIC SYSTEM AND METHOD FOR WIRELESS WATER QUALITY MANAGEMENT OF AQUACULTURE BASIN

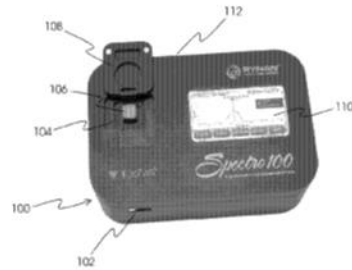


FIGURE 1A

(57) Abstract: There is provided a spectrophotometric system and method for measuring the concentration of discrete water-soluble compounds or minerals in the water of a live aquaculture basin. The system comprises a portable wireless spectrophotometer with an optical code reader for automatic identification of water sample cuvettes. The cuvettes bear an optical code identifier and are preloaded with at least one solid color indicating reagent dry tablet. The cuvettes are internally sized and shaped for a smaller tablet type to fall to the bottom and a larger tablet type not to fall to the bottom and vertically rest at an intermediate height within the cuvette interior thereby creating vertical separation between the tablet types and avoiding cross-reactions or degradation while in storage or transport. The system can also include a mobile application for displaying the spectra results and for providing recommendations or e-commerce purchase means for water quality improvement.

[Continued on next page]

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BẢN QUYỀN KIỂU DÁNG (BẢO HỘ 5 NĂM)



BỘ KHOA HỌC VÀ CÔNG NGHỆ
CỤC SỞ HỮU TRÍ TUỆ

CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập – Tự do – Hạnh phúc

BẰNG ĐỘC QUYỀN
KIỂU DÁNG CÔNG NGHIỆP
Số: 33228

Tên kiểu dáng: ĐĨA MÔI TRƯỜNG ỨNG DỤNG TRÍ TUỆ NHÂN TẠO ĐỀ THEO DỐI VI SINH TRONG NUÔI TRỒNG THỦY SẢN

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Áp Long Trì, xã Long Đức, thành phố Trà Vinh, tỉnh Trà Vinh

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Có hiệu lực từ ngày cấp đến hết 5 năm tính từ ngày nộp đơn (có thể gia hạn).

CỤC SỞ HỮU TRÍ TUỆ
BỘ KHOA HỌC VÀ CÔNG NGHỆ

KT. CỤC TRƯỞNG
PHÓ CỤC TRƯỞNG
Nguyễn Văn Bảy

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