(19) INDIA

(22) Date of filing of Application :24/11/2021

## (43) Publication Date: 18/02/2022

## (54) Title of the invention: COUNTING MECHANISM FOR SEED FISH FRY AND BABY FISH FINGERLINGS

(51) International classification	:A01K0061000000, A01C0007100000, A01K0063000000, B65B0057200000, A01K0061100000
(86) International Application No Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number	:NA

(71)Name of Applicant:

1)DR.NARENDRA V.CHAUDHARI

Address of Applicant :TULSIRAMJI GAIKWAD PATIL COLLEGE OF

ENGINEERING AND TECHNOLOGY, NAGPUR -------

2)DR.PRASHANT S KADU

3)DR.PRASHANT S.TELVEKAR

4)PROF.MUKUL PANDE

5)DR.NANDKISHOR MAROTRAO SAWAI

6)MS.DIKSHA NIMGADE

7)MR.SURAJ KACHATE

Name of Applicant : NA Address of Applicant : NA

(72)Name of Inventor :

1)DR.NARENDRA V.CHAUDHARI

Address of Applicant :TULSIRAMJI GAIKWAD PATIL COLLEGE OF

ENGINEERING AND TECHNOLOGY, NAGPUR -----

2)DR.PRASHANT S KADU

Address of Applicant :ABHA GAIKWAD PATIL COLLEGE OF

ENGINEERING NAGPUR -----

3)DR.PRASHANT S.TELVEKAR

Address of Applicant :COLLEGE OF FISHERY SCIENCE, NAGPUR ------

4)PROF.MUKUL PANDE

Address of Applicant :TULSIRAMJI GAIKWAD PATIL COLLEGE OF

ENGINEERING AND TECHNOLOGY, NAGPUR -

5)DR.NANDKISHOR MAROTRAO SAWAI

Address of Applicant :TULSIRAMJI GAIKWAD PATIL COLLEGE OF

ENGINEERING AND TECHNOLOGY, NAGPUR --

6)MS.DIKSHA NIMGADE

Address of Applicant :TULSIRAMJI GAIKWAD PATIL COLLEGE OF

ENGINEERING AND TECHNOLOGY, NAGPUR --

7)MR.SURAJ KACHATE

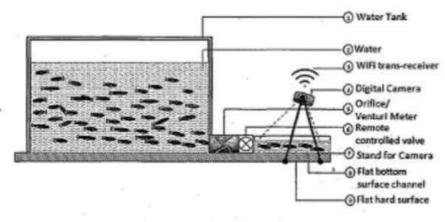
Address of Applicant :TULSIRAMJI GAIKWAD PATIL COLLEGE OF

ENGINEERING AND TECHNOLOGY, NAGPUR -

## (57) Abstract:

Filing Date

Disclosed is a system for counting fry/fingerlings or similar aquatic animals when they are small in size. It consists of a water tank(I), WiFi module(3), Digital camera(4), Orifice meter or Venturi meter(5), remote controlled valve(6), stand(7), flat bottom surfaced channel(8). The present invention is useful for hatcheries to count fry/fingerlings to the most accurate number without human intervention. The system avoid transfer of disease and reduce the stress of the fry/fingerlings. It will also reduce the mortality of fry/fingerlings. On other side the fish tank operator can feed the fish in required quantity of feed for proper development of the fish to yield the desired crop within targeted period.



Fry/Fingerlings Counting System

No. of Pages: 13 No. of Claims: 7