



PUP-ACRE-4-IPMO-001
Rev. 0
May 15, 2018



Republic of the Philippines
POLYTECHNIC UNIVERSITY OF THE PHILIPPINES
Office of the Vice President for Research, Extension, and Development
INTELLECTUAL PROPERTY MANAGEMENT OFFICE
Sta. Mesa, Manila

Date: _____

ACKNOWLEDGMENT RECEIPT

Received the thesis/dissertation/manuscript of John Christopher B. Bagas, Charles Adriane S. Guerrero,
Marcus M. Saralde, Pedrito M. Tenerife, Jr.

entitle Effect of Automatic Disinfection Box using Ultra Violet on Microbial Growth of Microorganisms

For transmittal at the National Library of the Philippines for copyright registration.

Signature (IPMO-ITSO-CTTED Staff)





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PUP-RECO-4-IPMO-002
Rev. 0
May 15, 2018

RECORDAL

BRANCH/CAMPUS: Sta. Mesa, Manila COLLEGE & Program: CE, BS Computer Engineering
TITLE: Effect of Automatic Disinfection Box using Ultra Violet on Microbial Growth of Microorganisms

AUTHOR/S: John Christopher B. Bagas, Charles Adriane S. Guerrero, Marcus M. Saralde, and
Pedrito M. Tenerife, Jr.

CLASSIFICATION: _____

CONTACTNUMBER: _____ EMAIL: _____





INVENTION DISCLOSURE FORM

1. **Title of Invention:** **Effect of Automatic Disinfection Box using Ultra Violet on Microbial Growth of Microorganisms**

The title must be specific. It should clearly and concisely state the technical designation on the invention and avoid all fancy terms, which do not describe the technical features of its invention (Per Rule 410 of IPO's Manual for Substantive Examination Procedure).

2. **Corresponding Authors**

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3. **Invention Category** (please check). (Per Rule 201, IPO's Rules and Regulation on Inventions)

- ☒ a useful machine
☐ a product
☐ a process
☐ an improvement of any of the foregoing
☐ microorganism
☐ non-biological and microbiological process





4. Disclosure and Technical Description of the Invention.

The application shall disclose the invention in a manner sufficiently clear and complete for it to be carried out by a person skilled in the art (Per Rule 405 IPO's Rules and Regulations on Invention).

- If the invention is a machine, the technical description must be in conjunction with the accompanying drawings/sketches. Provide a clear description of:
 - a) the positive structural relationships of the essential elements (component parts) of your device by which it could perform the desired function; and
 - b) the manner and process of making, constructing and compounding and using the machine.
- If the invention is a chemical or food products or process, please provide the following:
 - a) the description of the step by step procedure on how to formulate the product and the conditions being observed in each step;
 - b) the chemical compositions (ingredients or raw materials used to produce the product) in percent weight or volume; and
 - c) the concentrations of the reagents used.

Please also provide information covering the following (Please use separate sheet).

- Purpose/objective of the invention;
- Improvements and advantages over existing similar inventions (please cite specific references); and
- Potential commercial application of the invention.

5. Status of Development

☐ Concept only ☐ Laboratory tested
☒ With prototype ☐ Others (please specify)

6. Publication/Public Disclosure

Has the invention/utility model been described in any publication or discussed in seminars, for a, public demonstration and similar activities? NO If so, where and when? Please provide details.

7. Sale

Has the invention been offered for sale to the public or has sale ever been made? NO
If so, where and when? Please provide details.

8. Funding of the Invention

Source of funds for the development of the event

☒ personal



___ government funding
___ other entity

The inventors further certify that:

- 1. The above invention is our own work and not copied from others;
- 2. All names appearing in the list above and below are true and actual inventors for said invention; and
- 3. All inventors of said invention are listed with nobody being excluded.

| INVENTOR/S | | SIGNATURE/S |
|------------------------------|--|-------------|
| Bagas, John Christopher B. | | |
| Guerrero, Charles Adriane S. | | |
| Saralde, Marcus M | | |
| Manarang, Jonathan C. | | |
| Tenerife Jr., Pedrito M. | | |

