



[12] UTILITY MODEL REGISTRATION [11] Registration No.: 2/2022/051234

[45] Issue date: 18 December 2024
(18.12.2024)

[54] Title: PORTABLE WATER BATH INCUBATOR

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[22] Filing Date: 22 December 2022 (22.12.2022)

[43] Publication date: 21 October 2024 (21.10.2024)

[21] Application No.: 2/2022/051234

[30] Foreign Application Priority Data: NONE

[51] International Class: B01L7/02 (2006.01); C12M1/02 (2006.01);
C12M1/38 (2006.01)

[57] **ABSTRACT**

The Portable Water Bath Incubator is a compact and portable solution for on-site virus detection in abaca plantations. Developed for the Loop-mediated Isothermal Amplification (LAMP) technique, it maintains a temperature of 65°C. The incubator features a plastic enclosure with a stainless steel pan, temperature sensor, heater, thermostat, battery pack with safety fuse, power jack adaptor, battery indicator, and power button. The battery-powered system ensures independence from AC outlets. It provides efficient water heating and temperature control while maintaining portability. The Portable Water Bath Incubator offers a practical and reliable tool for on-site virus detection in abaca plantations, facilitating efficient disease management and crop protection

Description, Claims, Abstract: 5 page(s).

Drawings: 4 sheet(s)

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