

# JIM INSTITUTE

UYO, AKWA IBOM STATE, NIGERIA.

## LETTER OF INTRODUCTION OF OUR INVENTION: JIM AUTOMATIC PUMP SWITCHER (JAPS) AND JIM TANK WASHING MACHINE (PATENT NO: NG/PT/NC/2021/5349)

The Engineering session of Jim Institute hereby uses this medium to introduce this certified invention to the general public based on its effectiveness and reliability as approved by the (FEDERAL MINISTRY OF INDUSTRY, TRADE AND INVESTMENT, COMMERCIAL LAW DEPARTMENT, ABUJA. NIGERIA) with **Patent Right No: (NG/PT/NC/2021/5349)**

**JIM AUTOMATIC PUMP SWITCHER (JAPS)** is an advanced device designed to be connected to your borehole system to automatically regulate water pumping operations. It helps reduce excessive pressure on the pump control system while protecting both the water pump and control unit from damage caused by frequent electricity fluctuations.

One of the major advantages of **JAPS** is its ability to significantly extend the lifespan of your water pump by ensuring efficient and controlled operation. It eliminates the stress of manual pumping, irregular pumping intervals, and the inconvenience of pumping at odd hours, allowing you to enjoy a steady water supply without disruption.

With **JAPS**, water pumping becomes fully automated based on water usage, giving you peace of mind, improved system durability, and uninterrupted rest

Our device (JAPS) will be on lease to our clients, you are only expected to pay for the facility inspection, installations and Maintenance.

There are enormous benefits our client's stands to gain with the usage of **Jim automatic pump Switcher (JAPS)**.

1. **Extended Pump Lifespan:** Reduces mechanical and electrical stress, ensuring your water pump last longer.
2. **Protection Against Electrical Fluctuations:** Safeguards both pump and control system from voltage surges and power instability.
3. **Automatic Water Management:** Pumps water efficiently based on actual usage, eliminating irregular or unnecessary operation.
4. **Convenience & Comfort:** No more waking up at odd hours for manual pumping; enjoy uninterrupted water supply.
5. **Cost Savings:** Reduces repair and replacement costs by preventing premature pump or control system failure.
6. **System Efficiency:** Optimized pump cycles minimize energy consumption and mechanical wear.

With **JAPS**, clients enjoy reliable, stress-free, and efficient water pumping a smart investment in both convenience and system longevity.

### OTHER SERVICES

- ❖ Washing of tanks/maintenance with the aid of a machine
- ❖ Servicing of Pumping Machine as a result of accumulation of diet.
- ❖ Flushing of Borehole/treatment

For further details, call our research unit on 08132360853, 08053768889 or visit: [www.jimdflow.com](http://www.jimdflow.com)

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I look forward to your response while assuring you of a harmonious business relationship

Best wishes,  
Lawal Adewole Jimoh.  
(RMO)