

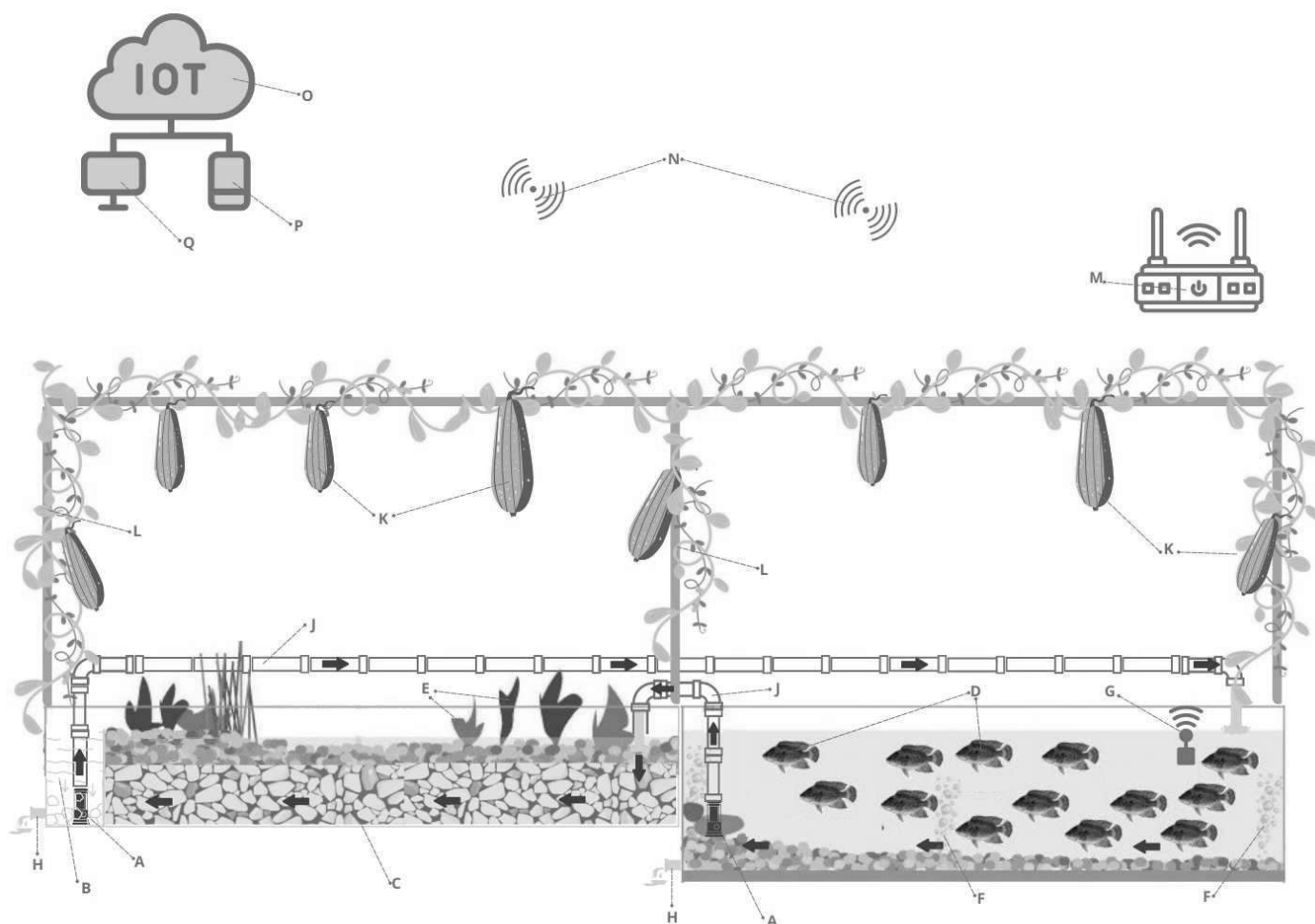


FIG 1 – Aquaponics System

Items Descriptions:

A	Submersible Pumps	B	Sump
C	Gravel Media Bed / Bio-filter Media	D	Fishes in Fish Unit
E	Vegetables in Vegetable Plot	F	Aeration from Air Compressor
G	Multi-Parameters Sensor with Wifi	H	Discharge Valves
J	Pipes for water flow	K	Vine Growing Plant on 1 Vertical
L	Vine Growing Plant Fruit - Luffa	M	Gateway for Transmission
N	Transmission via Wifi or 5G SIM Card	O	IOT Cloud Storage
P	Mobile App to Monitor Alerts	Q	Desktop Software to Monitor Alerts

Note: "I" is intentionally not used