



CROSS-SECTION

'FLOWER' DETAIL

A = WATER TRAPPING SURFACE

B = PV PANELS - TOTAL 8, INDEPENDENT

CONNECTED THROUGH BATTERIES AND

MICROPROCESSOR CONTROL UNIT TO:

C = THERMOCOUPLES WITH HEAT-CONDUCTING SURFACE, ANTI-BACTERIAL PROPERTIES

D = ONE-WAY MOISTURE PERMEABLE MEMBRANE

E = CONDENSATION TANK

F = DRIP PIPE

G = CENTRAL ELECTRICAL UNIT

H = WATER COLLECTION STORAGE AND PASSIVE SOLAR PRE-HEATING TANK

I = PURIFICATION SYSTEM USING STEAM

AS PER US PATENT # 6,375,805

J = PURIFIED WATER CHAMBER

K = THERMOELECTRIC ELEMENTS ACHIEVE UP TO 131° C. STEAM EXITING CHAMBER HEATS UNDERSIDE OF TEE'S, IMPROVES EFFICIENCY