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(57) Abstract :

A drying apparatus 100 for drying one or more objects is disclosed. The disclosed apparatus 100 includes a frame 102 adapted to receive one or more objects. A drying unit 104 detachably coupled with the frame 102 to provide hot air for drying the received one or more objects, and the drying unit 104 adapted to be turned ON automatically when the weather condition is unfavorable to dry the one or more objects. A set of sensors 106 configured with the frame 102 to detect one or more meteorological attributes, and a solar panel 108 installed to a top surface of the frame 102 to generate and store electric power in a battery 112. A sheet 210 detachably attached with the frame 102 to cover the apparatus 100 automatically when the detected one or more meteorological attributes found beyond a pre-defined set of attributes.

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