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(54) **PORTABLE CONTROLLER FOR DRYING EQUIPMENT AND RELATED SYSTEM AND METHOD**

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(57) **ABSTRACT**

Current technologies for restoring buildings and spaces, such as drying processes to remove water damage, are prone to technical error and operational error. A portable controller is herein provided to autonomously monitor and control restoration equipment, including drying equipment. The portable controller is in data communication with a server system, and the server system can remotely control the portable controller. The portable controller includes outlet receptacles to which the drying equipment is connectable. The portable controller includes a computer that autonomously determines when to provide electrical power and when to cut off the electrical power to the outlet receptacles, in order to respectively activate and deactivate the drying equipment. The portable controller also senses environment conditions and electrical power consumption caused by the drying equipment. This data is transmitted to the server system for storage and analysis.