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(57) Abstract :

This invention provides a portable biomass cooking stove (100) that may be controlled from a remote location by a mobile computing device. The biomass cooking stove (100) has a combustion chamber (102) into which the biomass fuel is placed for combustion, and is designed to make efficient use of any type of biomass fuel such as wood, agricultural waste, and solid waste. In addition, one or more fans (108, 110) are configured to the combustion chamber (102) to control airflow in the combustion chamber (102). Moreover, a mobile computing device such as a smartphone may be used to control various operations of the fans (108, 110) such as turning on and off and controlling the rotational speed of the fans from the remote location.

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