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(57) Abstract :

This invention provides a smart cooktop appliance 100 that to prevent spillage and overcooking of food. The cooktop appliance 100 includes ultrasonic sensors 110 configured to detect overflowing from a cooking vessel on a burner, and automatically turn off the associated burner to prevent spillage. Similarly, sound detectors 112 configured to detect sound of whistles, and turning off the associated burner, upon getting required number of whistles, wherein the required numbers of whistles are provided by a display unit 116 coupled to the cooktop appliance 100. In addition, the cooktop appliance 100 may be controlled from remote location by a mobile computing device.

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