

(54) Title of the invention : ELECTRIC IRON

(51) International classification	:B60L0053310000, G08B0021180000, H02J0007000000, B60L0053300000, A62B0009000000	(71) Name of Applicant : 1)CHITKARA INNOVATION INCUBATOR FOUNDATION Address of Applicant :SCO: 160-161, SECTOR – 9C, MADHYA MARG, CHANDIGARH – 160009, INDIA Chandigarh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)BHANU SHARMA
(33) Name of priority country	:NA	2)POONAM JINDAL
(86) International Application No	:NA	3)GEETANJALI
Filing Date	:NA	4)ISHA GUPTA
(87) International Publication No	: NA	5)HARSIMRANJIT KAUR
(61) Patent of Addition to Application Number	:NA	6)DR. RAKESH SINDHU
Filing Date	:NA	7)AMANDEEP KAUR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric iron (100) comprising: a cover plate (106) connected to an electrical power through an electrical cord (108), wherein the cover plate (106) comprises: a countdown timer (120) to a pre-defined time; a power indicator (122) to generate a signal indicating a power supply status; a handle (110) comprises a pressure sensor (126) to sense a pressure applied on the handle (110); a control unit (112) configured to: receive the generated signal indicating the power supply status of the electric iron (100) and the sensed pressure; compare the sensed pressure with a pre-defined pressure stored in a memory (114), when the power supply status of the electric iron (100) is identified as an ON status; activate the countdown timer (120) to count to the pre-defined time, when the sensed pressure is less than the pre-defined pressure; and enable a sound unit (124) to generate an alert.

No. of Pages : 21 No. of Claims : 10