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(54) Title of the invention : SELF-ADJUSTABLE IRONING BOARD

<p>(51) International classification :D06F0075380000, G01B0011240000, D06F0081100000, D06F0075080000, A41D0027080000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Noida Institute of Engineering and Technology</b> Address of Applicant :Plot No. - 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. --- -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. Vinod Mansiram Kapse</b> Address of Applicant :Department of Electronics and Communication Engineering, Noida Institute of Engineering and Technology, Plot No. - 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. -----</p> <p><b>2)Manish Kumar</b> Address of Applicant :Department of Electronics and Communication Engineering, Noida Institute of Engineering and Technology, Plot No. - 19, Knowledge Park- 2, Institutional Area, Greater Noida, Uttar Pradesh-201306, India. -----</p>
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(57) Abstract :

The present invention relates to a self-adjustable ironing board comprising of, a body 1 segregated into plurality of motorized planks 2 and each of the planks 2 are assembled adjacent to each other to form a unified board for ironing a clothing item, at least four trays 4 attached in each of planks 2 that are extended and retracted to accommodate the clothing, an AI (artificial intelligence) camera 3 installed in the body 1 in connection with a microcontroller for determining dimensions of clothing item need to be manually ironed by a user and the microcontroller commands the trays 4 and planks 2 to move according to dimensions and shape of clothing item, an assembly of two telescopic arms 5 attached to body and connected to microcontroller for helping user in ironing clothes through flexible movement of iron.

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