(12) PATENT APPLICATION PUBLICATION

(22) Date of filing of Application :14/03/2024

(54) Title of the invention : INTELLIGENT WARDROBE SYSTEM FOR APPAREL RECOMMENDATION AND IRONING (71)Name of Applicant :

		1)Chitkara University
		Address of Applicant : Chitkara University, Chandigarh-Patiala
		National Highway, Village Jhansla, Rajpura, Punjab - 140401,
(51) International classification	:A47B0061000000, G06N0020000000,	India Rajpura
	A47B0097000000, G06N0007000000,	2)Chitkara Innovation Incubator Foundation
	G06Q0030060000	Name of Applicant : NA
(86) International	·NI A	Address of Applicant : NA
Application No		(72)Name of Inventor :
Filing Date	:NA	1)Priyanka Malhotra
(87) International	: NA	Address of Applicant :Department of Electronics and
Publication No		Communication Engineering, Chitkara University, Chandigarh-
(61) Patent of Addition	. NT A	Patiala National Highway, Village Jhansla, Rajpura, Punjab -
to Application Number		140401, India Rajpura
Filing Date	INA	2)Dr Swapandeep Kaur
(62) Divisional to	.NI 4	Address of Applicant : Chitkara University, Chandigarh-Patiala
Application Number		National Highway, Village Jhansla, Rajpura, Punjab - 140401,
Filing Date	NA	India Rajpura
-		3)Dr Deeptiprit Kaur
		Address of Applicant :Chitkara University, Chandigarh-Patiala
		National Highway, Village Jhansla, Rajpura, Punjab - 140401,
		India Rajpura

(57) Abstract :

ABSTRACT Intelligent Wardrobe System For Apparel Recommendation And Ironing The present invention discloses intelligent wardrobe system for apparel recommendation and ironing 100. This innovative system redefines how individuals interact with their wardrobes, offering a comprehensive solution to common clothing-related challenges. It comprises of digital camera 102, face recognition system 200 comprising of ARM processor 202 and DDR memory 204, PIR sensor 300, actuator for wardrobe door sliding 302, hot air ironing chamber 304, user interface 306, microcontroller 308, memory storage 310, machine learning algorithms 312 and IoT module 314. Users can categorize their clothing, track usage, and receive personalized recommendations based on factors like weather conditions and event types. REFERENCE FIG 1

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