INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(PROF. (DR) UNNAT P. PANDIT)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

25th July, 2025

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/06/2025

(21) Application No.202541057481 A

(43) Publication Date : 25/07/2025

(54) Title of the invention : Artificial Intelligence (AI)-Powered Customizable Clothing System with AI Generated Music and Method Thereof

(51) International classification	:G10H0001000000, A61B0005000000, G10L0015080000, A63F0013650000, G06F0016583000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
  1)**R.V. College of Engineering**
    Address of Applicant :Mysore Road, R.V. Vidyaniketan Post, Bengaluru - 560059, Karnataka, India. ----------- -----------
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
  1)**K N Subramanya**
Address of Applicant :# 47, 'Kashyap' 1st Main Road,8th Cross, Near Nagarabhavi Circle Bengaluru , Bengaluru-580072, Karnataka, India. Bengaluru ----------- -----------
  2)**Spoorthi Nayak**
Address of Applicant :#7/1212, 1st Cross, Agustian Colony, Kollegal Town, Chamarajanagar (D) Kollegal-571440, Karnataka, India. Kollegal ----------- -----------
  3)**B M Sagar**
Address of Applicant :#181, Mallesha Nilaya, 1st Floor, Near Royal Public School, Gavipuram Housing Society, Nagadevanahalli Village, Bengaluru -560056 Karnataka, India Bengaluru ----------- -----------
  4)**Padmashree T**
Address of Applicant :# 2929 Sri Maalekallu, 5th Main, 2nd Cross Kumaraswamy, Layout, 2nd Stage, Bengaluru, Bengaluru-560078, Karnataka, India Bengaluru ----------- -----------

(57) Abstract :
Artificial Intelligence (AI)-Powered Customizable Clothing System with AI Generated 5 Music and Method Thereof An Artificial Intelligence (AI)-powered customizable clothing system (104) with AI-generated music and method thereof is disclosed. The system (104) is configured to receive one or more images from a user. The system (104) is further configured to perform an image processing on the received one or more images to extract and categorize features of the received one or more images. 10 The system (104) is further configured to fetch contextual data from a memory. The system is further configured to analyse the extracted features. The system (104) is further configured to map the analysed data with the contextual data using a rule-based mapping or ML classifier. The system (104) is further configured to generate music based on the context mapping using the AI. The AI composes a short thematic audio track based on garment color schemes, patterns, a style type, or 15 an intended occasion. <>

No. of Pages : 19 No. of Claims : 6