

(54) Title of the invention : SMART MIRROR : STEP INTO THE FUTURE OF FASHION, YOUR VIRTUAL TRIAL ROOM EXPERIENCE

(51) International classification :G06Q0030060000, G06T0019000000, A47G0001020000, A47F0007190000, A47F0011040000

(86) International Application No :NA
 Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
 Filing Date :NA

(62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)Malla Reddy Engineering College
 Address of Applicant :Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100. Telangana. Maisammaguda -----

2)Dr.M. Nithin Varma
 Name of Applicant : NA
 Address of Applicant : NA

(72)Name of Inventor :
1)Dr.M. Nithin Varma
 Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India Maisammaguda -----

2)Shaik Nayeem pasha
 Address of Applicant :Student, Electronics and Communication Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100. Maisammaguda -----

3)Mukund Suresh Malewar
 Address of Applicant :Student, Electronics and Communication Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100. Maisammaguda -----

4)Mohammad Tahseen
 Address of Applicant :Student, Electronics and Communication Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100. Maisammaguda -----

5)Modepalli Navya
 Address of Applicant :Student, Electronics and Communication Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100. Maisammaguda -----

6)Panuganti ajay babu
 Address of Applicant :Student, Electronics and Communication Engineering Dept., Malla Reddy Engineering College, Maisammaguda (Post. Via. Kompally), Mechal-Malkajgiri-500100. Maisammaguda -----

7)Dr. J. Sunil Kumar
 Address of Applicant :Associate Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India Maisammaguda -----

8)Dr. J. Shirisha
 Address of Applicant :Assistant Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. Maisammaguda -----

9)Mrs. K Anuradha
 Address of Applicant :Assistant Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. Maisammaguda -----

10)Mr. M. Govind raj
 Address of Applicant :Assistant Professor, ECE Department, Malla Reddy Engineering College (Autonomous) Dulapally Road, Maisammaguda (Post) via. Kompally, Secunderabad, Hyderabad, Rangareddy District, Telangana – 500100, India. Maisammaguda -----

(57) Abstract :
 The Smart mirror has so much potential to revolutionize and upgrade today’s trail room concept and also solves issues of personal safety as it completely erases the fear of being spied. This invention also address hygiene of clothes as the customer don’t really have to physically wear the clothes but still they can view how their desired outfit will look in them. The Internet of Things (IoT) is transforming every corner of life, the home, the office, city streets and beyond. IOT offers insight into resource consumption habit streamline business processes and better connect us to the people, systems and environments that shape our daily lives.Internet of things (IoT) device named smart mirror is built which is basically a one-way, made smart by a simple LCD display which sits behind the mirror and displays white user interface (UI) elements with a black background. The smart mirror redefines the virtual fitting room experience by introducing smart mirror virtual fitting room. A smart mirror equipped with augmented reality (AR) technology allows to virtually trying on clothes and accessories without actually wearing them. This technology can save time and offer a more interactive and immersive shopping experience.

No. of Pages : 5 No. of Claims : 2