

(54) Title of the invention : AUGMENTED REALITY BASED INTERACTIVE TABLE ASSEMBLY

(51) International classification :G16H0050200000,
G06T0019000000,
G01S0005160000,
G06T0007000000,
A61B0006040000

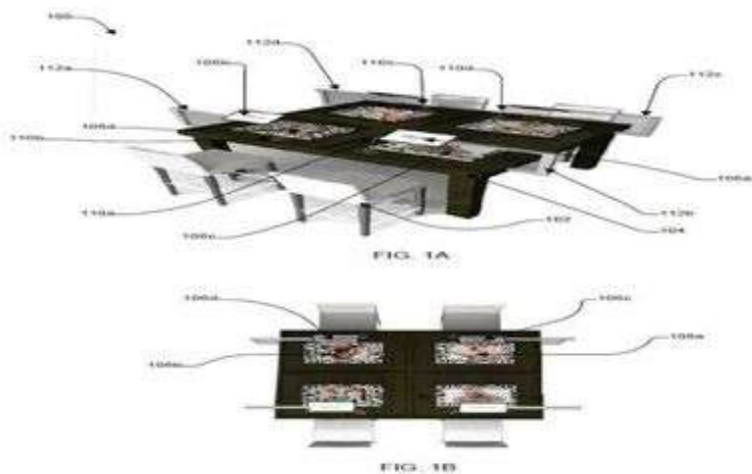
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Chitkara Innovation Incubator Foundation
Address of Applicant :SCO: 160-161, Sector -9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India

(72)**Name of Inventor :**
1)AMANPREET KAUR
2)ARCHANA MANTRI
3)K. R. RAMKUMAR

(57) Abstract :

The present disclosure relates to augmented reality (AR) based interactive medical table assembly includes a set of markers imprinted on a top surface of the medical table, wherein each of the set of markers is associated with at least one disease. One or more cameras for capturing one or more images of at least one of the set of markers and an AR engine operatively coupled with the one or more cameras. The AR engine comprising one or more processors coupled to a memory, wherein the memory storing instructions executed by the one or more processors to extract one or more attributes from the captured one or more images, compare the extracted one or more attributes with a set of predefined features stored in a database, and generate one or more signals pertaining to information associated with the at least one disease based on the comparison.



No. of Pages : 16 No. of Claims : 10