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(54) Title of the invention : AN AUGMENTED REALITY AND IOT BASED COVID PATIENT MONITORING SYSTEM

<p>(51) International classification :G02B0027010000, A61B0005000000, G06T0019000000, G16H0050200000, G16H0010600000</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 : 1)P. VENKATESWARA RAO Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, BACHUPALLY (VIA), KUKATPALLY, HYDERABAD, TELANGANA, INDIA 500 090 -----</p> <p>2)DR. A.P SIVA KUMAR 3)DR. M. INDRASENA REDDY 4)DR. TALLURI SUNIL KUMAR</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)P. VENKATESWARA RAO Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, BACHUPALLY (VIA), KUKATPALLY, HYDERABAD, TELANGANA, INDIA 500 090 -----</p> <p>2)DR. A.P SIVA KUMAR Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPURAMU, ANDHRA PRADESH, INDIA 515 002 -----</p> <p>3)DR. M. INDRASENA REDDY Address of Applicant :8-5/4 BACHUPALLY, RAJIV GANDHI NAGAR COLONY, NIZAMPET ROAD, HYDERABAD, TELANGANA, INDIA 500 090 -----</p> <p>4)DR. TALLURI SUNIL KUMAR Address of Applicant :DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, BACHUPALLY (VIA), KUKATPALLY, HYDERABAD, TELANGANA, INDIA 500 090 -----</p>
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(57) Abstract :

Augmented reality is a technology which has a capacity to interact the digital visual elements with the real-world. It is rapidly increasing and easily affordable technology which is used in medical care unit. It can interact the person to the digital visualization in the real world. In all over the world, people and the health care professional face the Covid critical so, we proposed a system for the Covid monitoring patients. In this system the most important parameters of the patient can be displayed through the augmented reality glasses so that can interact with the real world. The parameters of the patient are collected by various types of 10 sensors attached to the patients; those values are displayed in AR glass of the doctor. The communication medium is wireless. In case of any abnormal, the doctor can view the patient's parameters via AR glass and can precautions. This application can be used in the period of isolation of the patients and gives high efficiency.

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