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(54) Title of the invention : COVID-19 KIT: INTELLIGENT THERMAL SCANNING KIT FOR TESTING THE COVID-19 POSITIVITY AND DISPLAYING REAL TIME COUNT OF POSITIVE CASE USING IOT.

(51) International classification	:A61B0005000000, A61B0005010000, A61B0005145000, A61B0005145500, A61B0005053000	(71)Name of Applicant : <b>1)DR. VRINCE VIMAL (ASSOCIATE PROFESSOR)</b> Address of Applicant :COMPUTER SCIENCE ENGINEERING. GRAPHIC ERA HILL UNIVERSITY, SOCIETY AREA, CLEMENTOWN, DEHRADUN 248002, UK, INDIA. E-Mail: vvimal@ec.iitr.ac.in Uttarakhand India <b>2)MS. PRIYA KOHLI (ASSISTANT PROFESSOR)</b> <b>3)MS. SAKSHI PAINULY (ASSISTANT PROFESSOR)</b> <b>4)DR. KAMRED UDHAM SINGH (ASSISTANT PROFESSOR)</b> <b>5)DR. INDRAJEET KUMAR (ASSISTANT PROFESSOR)</b>
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(57) Abstract :

My Invention Covid-19 Kit is Support structures for positioning sensors on a physiologic tunnel for measuring physical, chemical and biological parameters of the body and to produce an action according to the measured value of the parameters. The support structure includes a sensor fitted on the support structures using a special geometry for acquiring continuous and undisturbed data on the physiology of the body. Signals are transmitted to a remote station by wireless transmission such as by electromagnetic waves, radio waves, infrared, sound and the like or by being reported locally by audio or visual transmission. The physical and chemical parameters include brain function, metabolic function, hydrodynamic function, hydration status, levels of chemical compounds in the blood, and the like. The support structure includes patches, clips, eyeglasses, head mounted gear and the like, containing passive or active sensors positioned at the end of the tunnel with sensing systems positioned on and accessing a physiologic tunnel, the invention provides a set of sensing systems and reporting means which may be used individually or in combination, which are designed to access a physiologic tunnel to measure biological, physical and chemical parameters. Anatomically and physiologically speaking, the tunnel discovered by the invention is an anatomic path which conveys undisturbed physiologic signals to the exterior. The tunnel consists of a direct and undisturbed connection between the source of the function (signal) within the body and an external point at the end of the tunnel located on the skin. A physiologic tunnel conveys continuous and integral data on the physiology of the body. An undisturbed signal from within the body is delivered to an external point at the end of the tunnel.

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