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1. System and Method for Testing for COVID-19  
 US2020279585A1 • 2020-09-03 • ROTHSCHILD RICHARD  
 Earliest priority: 2015-10-13 • Earliest publication: 2020-03-26  
 A method is provided for acquiring and transmitting biometric data (e.g., vital signs) of a user, where the data is analyzed to determine whether the user is suffering from a viral infection, such as COVID-19.

2. System and method for using, processing, and displaying biometric data  
 US10242713B2 • 2019-03-26 • HARNISCHFEGER TASSI  
 Earliest priority: 2015-10-13  
 A method is provided for processing and displaying biometric data of a user, either alone or together (in synchronization) with other data, such as video data of the user during a time that the

☆ US10242713B2 System and method for using, processing, and displaying biometric data Available in

Patent family

Simple family INPADOC family Latest legal events

4 applications, 6 publications

Publication	Application number	Family	Title	Publication date
US10242713B2	US201715495485A	Simple	System and method for using, processing, and displaying biometric data	2019-03-26

However, as the patent concerns a family of patent applications is it not clear whether in 2015, the term "Covid-19" had been used to describe the invention and considering that [the US Patent's Office's Patent Application document \(below\)](#) states: "*part of application No. 16 / 704,844 , filed on Dec. 5 , 2019 , which is a continuation of application No. 16 / 273,141 , filed on Feb. 11 , 2019 , now Pat . No. 10,522,188 , which is a continuation of application No. 15 / 495,485 , filed on Apr. 24 , 2017 , now Pat . No. 10,242,713 , which is a continuation of application No. 15 / 293,211 , filed on Oct. 13 , 2016 , now abandoned . ( 60 ) Provisional application No. 62 / 240,783 , filed on Oct. 13 , 2015*, in the absence of information to the contrary, it seems that the move for patent under consideration may well have commenced in 2015.

Covid-19 was not named as such until February 2020.



US 20200279585A1

(19) United States

(12) Patent Application Publication (10) Pub. No. US 2020/0279585 A1

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☆ **US2020279585A1** System and Method for Testing for COVID-19

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Bibliographic data

Global Dossier

Applicants ROTHSCHILD RICHARD A [GB] +

Inventors ROTHSCHILD RICHARD A [GB] +

Classifications

IPC **G06K9/00; G11B27/031; G11B27/10; G16H40/63; H04N5/76; H04N9/82;**

CPC **G06K9/00892 (US); G11B27/031 (US); G11B27/10 (US); G11B27/102 (US); G16H40/63 (EP,US); G16H40/67 (EP); G16H50/20 (EP); H04N5/76 (EP,US); H04N9/8205 (EP,US); G06K2009/00939 (US);**

Priorities US201562240783P-2015-10-13; US201615293211A-2016-10-13; US201715495485A-2017-04-24; US201916273141A-2019-02-11; US201916704844A-2019-12-05; US202016876114A-2020-05-17

Application US202016876114A-2020-05-17

Publication US2020279585A1-2020-09-03

Published as US2020279585A1



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Bibliographic data

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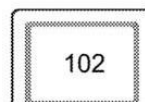
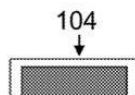
System and Method for Testing for COVID-19

Abstract

A method is provided for acquiring and transmitting biometric data (e.g., vital signs) of a user, where the data is analyzed to determine whether the user is suffering from a viral infection, such as COVID-19. The method includes using a pulse oximeter to acquire at least pulse and blood oxygen saturation percentage, which is transmitted wirelessly to a smartphone. To ensure that the data is accurate, an accelerometer within the smartphone is used to measure movement of the smartphone and/or the user. Once accurate data is acquired, it is uploaded to the cloud (or host), where the data is used (alone or together with other vital signs) to determine whether the user is suffering from (or likely to suffer from) a viral infection, such as COVID-19. Depending on the specific requirements, the data, changes thereto, and/or the determination can be used to alert medical staff and take corresponding actions.



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CPC G06K9/00892 (US); G11B27/031 (US); G11B27/10 (US); G11B27/102 (US); G16H40/63 (EP,US); G16H40/67 (EP); G16H50/20 (EP); H04N5/76 (EP,US); H04N9/8205 (EP,US); G06K2009/00939 (US);

Priorities US201562240783P-2015-10-13; US201615293211A-2016-10-13; US201715495485A-2017-04-24; US201916273141A-2019-02-11; US201916704844A-2019-12-05; US202016876114A-2020-05-17

Application US202016876114A-2020-05-17

Publication US2020279585A1-2020-09-03

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