IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Jeroen Poeze et al.

U.S. Patent No.: 10,588,553 Attorney Docket No.: 50095-00012IP1

Issue Date: March 17, 2020 Appl. Serial No.: 16,534,949 Filing Date: August 7, 2019

Title: MULTI-STREAM DATA COLLECTION SYSTEM FOR

NONINVASIVE MEASUREMENT OF BLOOD

CONSTITUENTS

DECLARATION OF DR. THOMAS W. KENNY

Declaration

I declare that all statements made herein on my own knowledge are true and that all statements made on information and belief are believed to be true, and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable under Section 1001 of Title 18 of the United States Code.

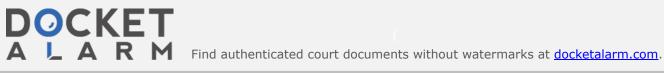
Ву: _____

Thomas W. Kenny, Ph.D.



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1. Light permeable cover comprising a protruding convex surface	<i>ce</i> 43
2. Strap configured to facilitate attachment of part of the physion monitoring device to a user's arm	logical
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B. Claim 1 C. Claim 2	
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2. Communication of information to PDA	144
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C.	Claim 191	63
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I. QUALIFICATIONS AND BACKGROUND INFORMATION

- 1. My education and experience are described more fully in the attached curriculum vitae (Exhibit 1004). For ease of reference, I have highlighted certain information below.
- 2. My academic and professional background is in Physics, Mechanical Engineering, Sensing, and Robotics, with a research specialization focused on microfabricated physical sensors, and I have been working in those fields since the completion of my Ph.D. more than 30 years ago. The details of my background and education and a listing of all publications I have authored in the past 35 years are provided in my curriculum vitae, Exhibit 1004. Below I provide a short summary of my education and experience which I believe to be most pertinent to the opinions that I express here.
- 3. I received a B.S. in Physics from University of Minnesota, Minneapolis in 1983, and a Ph.D. in Physics from University of California at Berkeley in 1989. I was educated as a Physicist specializing in sensors and measurement. My Physics Ph.D. thesis involved measurements of the heat capacity of monolayers of atoms on surfaces, and relied on precision measurements of temperature and power using time-varying electrical signals, and also on the design and construction of miniature sensor components and associated electrical circuits for conditioning and conversion to digital format.



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