

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Jeroen Poeze et al.
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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.

By:  _____

Thomas W. Kenny, Ph.D.

Contents

I. QUALIFICATIONS AND BACKGROUND INFORMATION	4
II. OVERVIEW OF CONCLUSIONS FORMED	10
III. LEVEL OF ORDINARY SKILL IN THE ART	11
IV. LEGAL STANDARDS	12
A. Terminology	12
B. Legal Standards for Anticipation	12
C. Legal Standards for Obviousness	13
V. THE '553 PATENT	18
A. Technical Background	18
B. Overview of the '553 Patent	20
C. Prosecution History of the '553 Patent.....	26
VI. SUMMARY OF THE PRIOR ART	26
A. Overview of Mendelson '799	26
B. Overview of Ohsaki	33
C. Overview of Schulz	35
D. Overview of Griffin	37
E. Overview of Mendelson 2006.....	39
VII. GROUND 1 – Claims 1-3, 5, 6, 9-18, 20-24, and 29 are Rendered Obvious by Mendelson '799 and Ohsaki.....	41
A. Combination of Mendelson '799 and Ohsaki	41
1. <i>Light permeable cover comprising a protruding convex surface</i>	43
2. <i>Strap configured to facilitate attachment of part of the physiological monitoring device to a user's arm</i>	49
B. Claim 1	52
C. Claim 2	80
D. Claim 3	80
E. Claim 5	81
F. Claim 6.....	82
G. Claim 9	83

H. Claim 10	84
I. Claim 11	93
J. Claim 12	95
K. Claim 13	97
L. Claim 14	99
M. Claim 15	100
N. Claim 16	101
O. Claim 17	102
P. Claim 18	103
Q. Claim 20	103
R. Claim 21	110
S. Claim 22	112
T. Claim 23	112
U. Claim 24	113
V. Claim 29	114
VIII. GROUND 2 – Claims 4, 18, 24 are Rendered Obvious by Mendelson ’799, Ohsaki, and Schulz	114
A. Combination of Mendelson ’799, Ohsaki, and Schulz	114
B. Claim 4	120
C. Claim 18	131
D. Claim 24	131
IX. GROUND 3 – Claim 25 is Rendered Obvious by Mendelson ’799, Ohsaki, and Griffin	132
A. Combination of Mendelson ’799, Ohsaki, and Griffin	132
B. Claim 25	135
X. GROUND 4 – Claims 7 and 19 are Rendered Obvious by Mendelson ’799, Ohsaki, and Mendelson 2006	139
A. Combination of Mendelson ’799, Ohsaki, and Mendelson 2006	139
1. <i>Touch-screen display</i>	142
2. <i>Communication of information to PDA</i>	144
B. Claim 7	148

C. Claim 19163

XI. GROUND 5 – Claims 8 and 26-28 are Rendered Obvious by Mendelson '799, Ohsaki, Mendelson 2006, and Griffin166

 A. Combination of Mendelson '799, Ohsaki, Mendelson 2006, and Griffin 166

 B. Claim 8166

 C. Claim 26170

 D. Claim 27171

 E. Claim 28171

XII. CONCLUSION172

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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