

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.

Petitioner,

v.

MASIMO CORPORATION,

Patent Owner.

Case IPR2020-01539
U.S. Patent 10,588,554

DECLARATION OF VIJAY K. MADISETTI, PH.D.

TABLE OF CONTENTS

I.	QUALIFICATIONS	1
II.	MATERIALS CONSIDERED	8
III.	UNDERSTANDING OF PATENT LAW	10
	A. Level Of Ordinary Skill In The Art.....	10
	B. Claim Construction	11
	C. Obviousness.....	12
IV.	INTRODUCTION TO MASIMO'S '554 PATENT.....	13
	A. The '554 Patent	13
	B. Introduction To The Independent Claims Of The '554 Patent	14
V.	THE PETITION'S PROPOSED COMBINATIONS.....	17
VI.	LEVEL OF ORDINARY SKILL IN THE ART	18
VII.	FOUNDATIONS 1 AND 2 DO NOT ESTABLISH OBVIOUSNESS.....	19
	A. Introduction To Ground 1	19
	1. Ohsaki Discloses A Pulse Rate Sensor With A Single Emitter And A Single Detector That Must Be Arranged Linearly On The Back Side Of The Wrist	19
	2. The Shape Of Ohsaki's Board	21
	3. Aizawa Discloses A Circular Pulse Sensor	24
	4. Ground 1's Proposed Motivation To Combine Four References	25

B.	A POSITA Would Not Have Been Motivated To Combine Ohsaki’s Board With Aizawa’s Sensor	29
1.	A POSITA Would Have Understood That Ohsaki’s Rectangular Board Would Not Work With Aizawa’s Circular Sensor Arrangement	31
2.	A POSITA Would Have Understood That Ohsaki’s Board Would Have Been Detrimental In Combination With Aizawa’s Sensor Because Ohsaki’s Board “Has A Tendency To Slip” At Aizawa’s Measurement Location On The Palm Side Of The Wrist, Near The Artery.....	40
3.	A POSITA Would Not Have Been Motivated To Reduce The Measured Optical Signal By Adding A Convex Lens To Aizawa’s Sensor.....	56
4.	A POSITA Would Not Have Selected A Convex Cover To Protect The Sensor’s Optical Elements	65
C.	Dr. Kenny Does Not Identify Any Viable Motivation To Add A Second Emitter To Aizawa’s Multi-Detector/Single Emitter Embodiment	67
D.	Dr. Kenny’s Motivation To Add Mendelson 2006 Undermines His Motivation To Add A Second Emitter In The Proposed Combination	75
E.	Dr. Kenny Does Not Provide Evidence Of An Expectation Of Success	78
F.	The Challenged Dependent Claims Are Nonobvious Over Ground 1	79
1.	The Challenged Dependent Claims Are Nonobvious For The Same Reason As The Independent Claims	79
2.	Claim 28.....	79

VIII. GROUND 2 FAILS FOR AT LEAST THE SAME REASONS AS GROUND 1	82
A. Claim 11	82
B. Claim 13	83
C. Claim 17	84
IX. OATH	85

I, Vijay K Madiseti, Ph.D., declare as follows:

1. I have been retained by counsel for Patent Owner Masimo Corporation (“Masimo”) as an independent expert witness in this proceeding. I have been asked to provide my opinions regarding the Petition in this action and the declaration offered by Thomas W. Kenny, Ph.D., (Ex. 1003) challenging the patentability of claims 1-28 of U.S. Patent No. 10,588,554 (“the ’554 Patent”). I am being compensated at my usual and customary rate for the time I spend working on this proceeding, and my compensation is not affected by its outcome.

I. QUALIFICATIONS

2. My qualifications are set forth in my curriculum vitae, a copy of which is included as Exhibit 2005. A summary of my qualifications follows.

3. I am a professor in Electrical and Computer Engineering at the Georgia Institute of Technology (“Georgia Tech”). I have worked in the area of digital signal processing, wireless communications, computer engineering, integrated circuit design, and software engineering for over 25 years, and have authored, co-authored, or edited several books and numerous peer-reviewed technical papers in these area.

4. I obtained my Ph.D. in Electrical Engineering and Computer Science at the University of California, Berkeley, in 1989. While there, I received the

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