

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.

Petitioner,

v.

MASIMO CORPORATION,

Patent Owner.

Case IPR2020-01521
U.S. Patent 10,292,628

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 TECHNOLOGY	13
	A. The '628 Patent	13
	B. Introduction To The Independent Claims Of The '628 Patent	14
V.	THE PETITION'S PROPOSED COMBINATIONS.....	18
VI.	LEVEL OF ORDINARY SKILL IN THE ART	20
VII.	FOUNDATIONS 1A-1D DO NOT ESTABLISH OBVIOUSNESS.....	21
	A. Introduction To Ground 1A.....	21
	1. Aizawa Uses Peripherally Located Detectors Around A Single Centrally Located Emitter (LED)	22
	2. Inokawa Uses Peripherally Located Emitters (LEDs) Around A Single Centrally Located Detector.....	23
	3. Ground 1A's Proposed Combination Of Aizawa And Inokawa.....	25
	B. Ground 1A Does Not Establish Obviousness	27

1.	A POSITA Would Not Have Been Motivated To Combine Inokawa’s Convex Lens With Aizawa’s Sensor.....	27
2.	A POSITA Would Not Have Added A Second Emitter (LED) To Aizawa	49
C.	The Remaining Challenged Dependent Claims Are Nonobvious Over Ground 1A	55
D.	Ground 1B Does Not Establish Obviousness For The Same Reason As Ground 1A And For Additional Reasons.....	55
1.	Ohsaki Does Not Fix The Problems With Ground 1A’s Proposed Aizawa-Inokawa Combination.....	56
2.	A POSITA Would Have Understood That Ohsaki’s Board Would Not Prevent Slipping With Aizawa’s Device	57
E.	The Challenged Dependent Claims Are Nonobvious Over Ground 1B	60
F.	Grounds 1C-1D Fail For The Same Reasons As Ground 1A	61
VIII.	GROUND 2A-2B DO NOT ESTABLISH OBVIOUSNESS.....	61
A.	Introduction To Ground 2A.....	61
1.	Mendelson-1988 Uses Peripherally Located Detectors Around Centrally Located Emitters (LEDs).....	61
2.	Ground 2A’s Proposed Combination Of Mendelson-1988 And Inokawa.....	62
B.	Ground 2A Does Not Establish Obviousness	64

1.	Ground 2A Does Not Demonstrate A Motivation To Combine Mendelson-1988 And Inokawa, And Does Not Establish A Reasonable Expectation Of Success	64
2.	Ground 2A’s Proposed Combination Does Not Include The Claimed Cover	68
3.	Ground 2A’s Proposed Combination Of Mendelson-1988 And Inokawa Does Not Have A “Circular Housing” With A “Light Permeable Cover” (Claim 7).....	72
4.	Dr. Kenny Relies On References Not Identified As Part Of Ground 2A With No Analysis Of Any Motivation To Combine.....	73
C.	The Challenged Dependent Claims Are Nonobvious Over Ground 2A.....	76
D.	Ground 2B Fail For The Same Reason As Ground 2A.....	76
IX.	OATH	77

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 1-30 of U.S. Patent No. 10,292,628 (“the ’628 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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