UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC.

Petitioner,

v.

MASIMO CORPORATION,
Patent Owner.

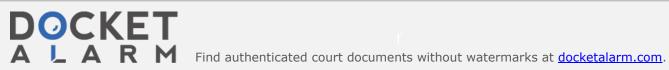
Case IPR2020-01521 U.S. Patent 10,292,628

DECLARATION OF VIJAY K. MADISETTI, PH.D.



TABLE OF CONTENTS

I.	QUA	ALIFICATIONS1				
II.	МАТ	TERIALS CONSIDERED				
III.	UNDERSTANDING OF PATENT LAW					
	A.	Level O	f Ordinary Skill In The Art	10		
	B.	Claim Construction				
	C.	Obviousness1				
IV.	INTRODUCTION TO MASIMO'S TECHNOLOGY					
	A.	The '628 Patent1				
	В.	Introduction To The Independent Claims Of The '628 Patent				
V.	THE	PETITIC	ON'S PROPOSED COMBINATIONS	18		
VI.	LEV	EL OF O	EL OF ORDINARY SKILL IN THE ART20			
VII.	GROUNDS 1A-1D DO NOT ESTABLISH OBVIOUSNESS					
	A.	Introduc	ction To Ground 1A	21		
		A	izawa Uses Peripherally Located Detectors round A Single Centrally Located Emitter LED)	22		
		(I	nokawa Uses Peripherally Located Emitters LEDs) Around A Single Centrally Located Detector	23		
			round 1A's Proposed Combination Of izawa And Inokawa	25		
	B.	Ground	1A Does Not Establish Obviousness	27		



		1.	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			
	D.	Ground 1B Does Not Establish Obviousness For The Same Reason As Ground 1A And For Additional Reasons			
		1.	Ohsaki Does Not Fix The Problems With Ground 1A's Proposed Aizawa-Inokawa Combination	5 <i>6</i>	
		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			
	F.		nds 1C-1D Fail For The Same Reasons As	61	
VIII.	GROUNDS 2A-2B DO NOT ESTABLISH OBVIOUSNESS				
	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.	Groui	nd 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.	OAT	ГН	77



- I, Vijay K. Madisetti, 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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