

*Petition for Inter Partes Review of
U.S. Patent No. 8,989,830*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

FITBIT, INC.
Petitioner

v.
VALENCELL, INC.
Patent Owner

**PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 8,989,830**

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TABLE OF CONTENTS

I.	Introduction.....	1
II.	Mandatory Notices (37 C.F.R. § 42.8(a)(1)).....	2
III.	Grounds for Standing (37 C.F.R. § 42.104(a)).....	4
IV.	Identification of Challenge (37 C.F.R. § 42.104(b)).....	5
	A. Citation of Prior Art	5
	B. Statutory Grounds for the Challenge.....	6
	C. [This Section Intentionally Omitted].	7
V.	The '830 Patent.....	7
	A. Overview of the '830 Patent.....	7
	B. Summary of the Prosecution History	10
	C. Level of Ordinary Skill in the Art.....	11
	D. Claim Construction	11
	1. “cladding material” (claims 1 and 11).....	13
	2. “near” (claims 1 and 11).....	14
VI.	Overview of the Applied References.....	14
	A. Goodman	15
	B. Hicks.....	16
	C. Asada.....	18
	D. Hannula.....	21
	E. Delonzor	23
VII.	Overview of the Grounds	24
VIII.	Ground 1: Goodman Renders Claims 1-4 and 11-14 Obvious	25
	A. Goodman renders independent claim 1 obvious.....	25
	1. Goodman discloses “[a] monitoring device configured to be attached to the body of a subject” [1P].	25
	2. Goodman discloses “an outer layer and an inner layer secured together” [1.1].	26

*Petition for Inter Partes Review of
U.S. Patent No. 8,989,830*

3.	Goodman discloses “the inner layer comprising light transmissive material, and having inner and outer surfaces” [1.2].	27
4.	Goodman discloses “a base secured to at least one of the outer and inner layers and comprising at least one optical emitter and at least one optical detector” [1.3].	27
5.	Goodman discloses “a layer of cladding material near the outer surface of the inner layer” [1.4].	28
6.	Goodman discloses “at least one window formed in the layer of cladding material that serves as a light-guiding interface to the body of the subject” [1.5].	29
7.	Goodman discloses “wherein the light transmissive material is in optical communication with the at least one optical emitter and the at least one optical detector, wherein the light transmissive material is configured to deliver light from the at least one optical emitter to the body of the subject along a first direction and to collect light from the body of the subject and deliver the collected light in a second direction to the at least one optical detector, wherein the first and second directions are substantially parallel” [1.6].	30
B.	Goodman renders independent claim 11 obvious.	33
1.	Goodman discloses “[a] monitoring device configured to be attached to the body of a subject” [11.P].	33
2.	Goodman discloses “a first layer comprising light transmissive material, the first layer having inner and outer surfaces” [11.1].	34
3.	Goodman discloses “a base secured to the first layer and comprising at least one optical emitter and at least one optical detector” [11.2].	35
4.	Goodman discloses “a layer of cladding material near the inner and outer surfaces of the first layer” [11.3].	36
5.	Goodman discloses “at least one window formed in the layer of cladding material that serves as a light-guiding interface to the body of the subject” [11.4].	37

*Petition for Inter Partes Review of
U.S. Patent No. 8,989,830*

6.	Goodman discloses “wherein the light transmissive material is in optical communication with the at least one optical emitter and the at least one optical detector, and is configured to deliver light from the at least one optical emitter to the body of the subject along a first direction and to collect light from the body of the subject and deliver the collected light in a second direction to the at least one optical detector, wherein the first and second directions are substantially parallel” [11.5].	38
C.	Goodman renders claims 2 and 12 obvious.	40
D.	Goodman renders claims 3 and 13 obvious.	41
E.	Goodman renders claims 4 and 14 obvious.	42
IX.	Ground 2: The Combination of Goodman and Hicks Renders Claims 5 and 15 Obvious	43
A.	Motivation for the Combination of Goodman and Hicks	43
B.	The combination of Goodman and Hicks render claims 5 and 15 obvious.	44
X.	Ground 3: The Combination of Goodman, Hannula, and Asada Renders Claims 6 and 16 Obvious	46
A.	Motivation for the Combination of Goodman, Hannula, and Asada	46
B.	The combination of Goodman, Hannula, and Asada renders claims 6 and 16 obvious.	49
1.	The combination of Goodman, Hannula, and Asada teaches or suggests “a light reflective material on at least a portion of one or both of the inner and outer surfaces of the [inner / first] layer” [6.1 / 16.1].	49
2.	The combination of Goodman, Hannula, and Asada discloses that “the at least one optical detector comprises first and second optical detectors” [6.2 / 16.2].	50
3.	The combination of Goodman, Hannula, and Asada discloses “a signal processor” [6.3 / 16.3].	51
4.	The combination of Goodman, Hannula, and Asada discloses that “at least a portion of light reflected by the light reflective material and detected by the second optical	

*Petition for Inter Partes Review of
U.S. Patent No. 8,989,830*

detector is processed by the signal processor as a motion noise reference for attenuating motion noise from signals produced by the first optical detector” [6.4 / 16.4].....51

XI. Ground 4: The Combination of Goodman and Asada Renders Claims 8, 9, 18 and 19 Obvious.....53

A. Motivation for the Combination of Goodman and Asada.....53

B. The combination of Goodman and Asada renders claims 8 and 18 obvious.54

C. The combination of Goodman and Asada renders claims 9 and 19 obvious.55

XII. Ground 5: The Combination of Goodman and Delonzor Renders Claims 10 and 20 Obvious.....56

A. Motivation for the Combination of Goodman and Delonzor.....56

B. The combination of Goodman and Delonzor discloses that “the at least one window comprises at least two windows” [10.1 / 20.1].....58

C. The combination of Goodman and Delonzor discloses “light blocking material positioned between the at least one optical emitter and the at least one optical detector such that the at least one optical emitter and the at least one optical detector are not in direct optical communication with each other” [10.2 /20.2].59

XIII. Conclusion60

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