UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

APPLE INC., Petitioner,

v.

OMNI MEDSCI, INC., Patent Owner.

IPR2019-00916 Patent No. 9,651,533 B2

PETITIONER'S DEMONSTRATIVE EXHIBITS



In accordance with the Board's July 1, 2020 Order Granting Requests for Oral Argument (Paper 33), Petitioner Apple Inc. hereby files its demonstrative exhibits for oral arguments.

Dated: July 13, 2020

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IPR2019-009

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Grounds

Claims Challenged	Basis	Refe
5, 7–10, 13, and 15–17	§ 103(a)	Lisog
8, 9, 16, and 17	§ 103(a)	Lisog Manı

Reference		I
Mannheimer	U.S. 5,746,206	N
Carlson	U.S. 2005/0049468 A1	N
Lisogurski	U.S. 9,241,676 B2	N

'533 Patent: Cla

'533 Patent Ex. 1001

(12) Unito Islam	ed States Patent	(10) Patent No.: US 9,651,533 B2 (45) Date of Patent: *May 16, 2017
SUPER- DETEC	WWE INFRARED CONTINUEM LASERS FOR TNG COUVERFEIT OR ILLICTI AND PHARMACEUTICAL PROCESS JL	 (58) Field of Classification Search CPC
	OMNI MEDSCI, INC., Ann Arbor, MI (US)	U.S. PATENT DOCUMENTS 4005.006 A 12.1977 Addia et al. 4.183.290 A 6.1929 Solor et al.
	Mohammed N. Islam, Ann Arbor, MI (US)	(Continued) FOREION PATENT DOCUMENTS
(3) Asignse	Omni Medsci, Inc., Arn Arbor, Ml (U8)	CN 10196821 B 7 2013 DE 02203012387 AL 10 2010
(*) Notice:	Subject to any disclaimer, the term of this potent is extended or adjusted under 35 U.S.C. $156(b)$ by 0 days. This patent is arbject to a terminal disclaimer.	(Continued) OTHER PUBLICATIONS Integration. Molect IL: "The Comparative Performance of Mobile Telecondust Systems based on the IS-44 and GSM Collider Tele-
(21) Appl. No	14/875,709	pione Standards", Journal of Identedisiae and Idenate 1999, pp. 87-104
(22) Filed:	Oct. 6, 2015	(Continued) Primary Examiner - David Puma
(65) US 2014	Prior Publication Data 0047787 A1 Feb. 18, 2016	Assisted Examiner – Arta Fein (74) Anorec: Agent or Den – Brooks Kashman PC.
 (63) Crotima Dec. 17. (51) Int. Cl. G013 52 G013 53 (52) U.S. CL 		(2) ABSTRACT hardwards methods in which an any method hardwards in the label of the second second second and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second culture second second second second second second second second second second second second culture second second second second second second second sec
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- 5. A measurement system comprising:
- a light source comprising a plurality of semiconductor sources that are light emitting diodes, the light emitting diodes configured to generate an output optical beam with one or more optical wavelengths, wherein at least a portion of the one or more optical wavelengths is a near-infrared wavelength between 700 nanometers and 2500 nanometers,
- the light source configured to increase signal-to-noise ratio by increasing a light intensity from at least one of the plurality of semiconductor sources and by increasing a pulse rate of at least one of the plurality of semiconductor sources;
- an apparatus comprising a plurality of lenses configured to receive a portion of the output optical beam and to deliver an analysis output beam to a sample
- a receiver configured to receive and process at least a portion of the analysis output beam reflected or transmitted from the sample and to generate an output signal, wherein the receiver is configured to be synchronized to the light source;
- a personal device comprising a wireless receiver, a wireless transmitter, a display, a microphone, a speaker, one or more buttons or knobs, a microprocessor and a touch screen, the personal device configured to receive and

process at least a portion of the output signal, wherein the personal device is configured to store and display the processed output signal, and wherein at least a portion of the processed output signal is configured to be transmitted over a wireless transmission link; and remote device configured to receive over the wireless transmission link an output status comprising the at least a portion of the processed output signal, to process the received output status to generate processed data and to store the processed data.

'533 Patent (Fy 1001) at Claim 5

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