UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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APPLE INC.,
Petitioner,

v.

OMNI MEDSCI, INC.,
Patent Owner.

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

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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

Ching-Lee Fukuda
Reg. No. 44,334
Sidley Austin LLP
787 Seventh Avenue
New York, NY 10019
clfukuda@sidley.com
(212) 839-7364

Thomas A. Broughan III
Reg. No. 66,001
Sidley Austin LLP
1501 K Street NW
Washington, DC 20005
tbroughan@sidley.com
(202) 736-8314

Backup Counsel for Petitioner

Respectfully submitted,

/Jeffrey P. Kushan/
Jeffrey P. Kushan
Registration No. 43,401
Sidley Austin LLP
1501 K Street NW
Washington, DC 20005
jkushan@sidley.com
(202) 736-8914
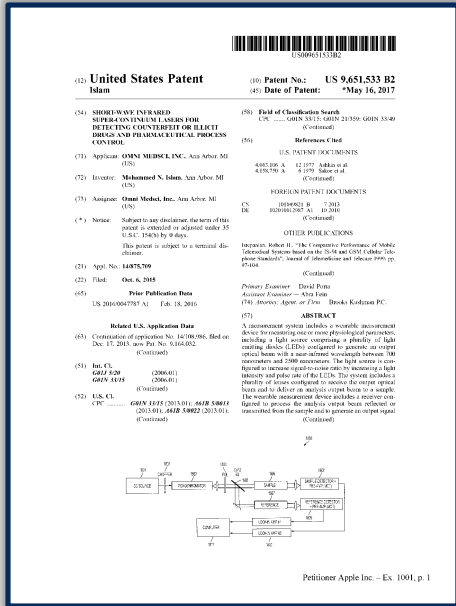
Lead Counsel for Petitioner

IPR2019-009

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

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

**'533 Patent
Ex. 1001**

Petitioner Apple Inc. – Ex. 1001, p. 1

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 (Ex. 1001) at Claim 5

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