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Filed on behalf of: Sequenom, Inc.

By: Michael J. Wise (mwise@perkinscoie.com)
Patrick D. Morris (pmorris@perkinscoie.com)
Perkins Coie LLP
1888 Century Park East, Suite 1700
Los Angeles, CA 90067-1721
Telephone: (310) 788-3210
Facsimile: (310) 788-3399

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SEQUENOM, INC.
Petitioner

v.

THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR
UNIVERSITY
Patent Owner

Case IPR2014-00337
Patent 8,195,415

SEQUENOM LISTING OF EXHIBITS AS OF AUGUST 14, 2014

Exhibit Number	Description
1001	U.S. Patent No. 8,195,415 to Fan and Quake (<i>"the '415 Patent"</i>).
1002	U.S. Patent Application Publication No. 2009/0029377 to Lo <i>et al.</i> (<i>"Lo II"</i>).
1003	U.S. Provisional Patent Application No. 60/951,438 to Lo <i>et al.</i> (<i>"Lo I"</i>).
1004	U.S. Patent Application Publication No. 2005/0221341 to Shimkets <i>et al.</i> (<i>"Shimkets"</i>).
1005	Tian-Li Wang <i>et al.</i> , "Digital karyotyping," Proc. Natl. Acad. Sci. USA, 99(25):16156-61 (<i>"Wang"</i>).
1006	LaDeana W. Hillier, "Whole-genome sequencing and variant discovery in <i>C. elegans</i> ," Nature Methods, 5(2):183-88 (and on-line supplementary information) (<i>"Hillier"</i>).
1007	Juliane C. Dohm <i>et al.</i> , "Substantial biases in ultra-short read data sets from high-throughput DNA sequencing," Nucleic Acids Res., 36(16):e105 (<i>"Dohm"</i>).
1008	U.S. Patent No. 7,888,017 to Quake and Fan (<i>"Quake"</i>)
1009	Andrew D. Smith <i>et al.</i> , "Using quality scores and longer reads improves accuracy of Solexa read mapping," BMC Bioinformatics, 9:128 (<i>"Smith"</i>).
1010	Declaration of Dr. Stacey Bolk Gabriel.
1011	Curriculum Vitae of Dr. Stacey Bolk Gabriel.
1012	Richard E. Green <i>et al.</i> , "Analysis of one million base pairs of Neanderthal DNA," Nature 444:330-36 (and online supplementary information) (2006) (<i>"Green"</i>).
1013	Valery Tarasov <i>et al.</i> , "Differential regulation of microRNAs by p53 revealed by massively parallel sequencing," Cell Cycle 6(13):1586-93 (2007) (<i>"Tarasov"</i>).
1014	Fan Priority Statement, Patent Interference No. 105,922 (DK), Paper 24 (July 31, 2013).
1015	File history of U.S. Patent No. 8,195,415.
1016	Claim Construction Order, <i>Aria Diagnostics, Inc. v. Sequenom, Inc.</i> , Case No. C 11-06391 SI, <i>Natera, Inc., et al. v. Sequenom, Inc., et al.</i> , Case No. C 12-00132 SI, and <i>Verinata Health, Inc., et al. v. Sequenom, Inc., et al.</i> , Case No. 12-00865 SI (NDCA) (October 16, 2013).
1017	Decision Institution of <i>Inter Partes</i> Review, IPR2013-00390,

	Paper 7 (December 9, 2013).
1018	Sequenom Request for Rehearing Under 37 C.F.R. § 42.71(c), IPR2013-00390, Paper 9 (December 23, 2013).
1019	Decision – Petitioner's Request for Rehearing of Decision to Institute <i>Inter Partes</i> Review – 37 C.F.R. § 42.71, IPR2013-00390, Paper 14 (January 13, 2014)
1020	Patent Owner Response, IPR2013-00390, Paper 24 (May 7, 2014)
1021	Lo List of Proposed Motions, Patent Interference No. 105,922, Paper 16 (May 31, 2013)
1022	Order – Priority Times – Bd.R. 104(c), Patent Interference No. 105,922, Paper 103 (April 7, 2014)
1023	Lo Request for Rehearing, Patent Interference No. 105,922, Paper 104 (April 21, 2014)
1024	Decision – Request for Rehearing, Bd.R. 125(c), Patent Interference No. 105,922, Paper 105 (April 30, 2014)

Respectfully submitted,
Perkins Coie LLP

Dated: August 14, 2014

By: /Michael J. Wise/

Michael J. Wise, Reg. No. 34,047
Patrick D. Morris, Reg. No. 53,351

CERTIFICATE OF SERVICE

I certify that a true and correct copy of the foregoing **SEQUENOM LISTING OF EXHIBITS AS OF AUGUST 14, 2014** and **EXHIBITS 1019-1024** were served electronically via email on the Patent Owner through its attorneys of record on this 14th day of August, 2014 as follows:

R. Danny Huntington, Esq. (dhuntington@rfem.com)
Sharon E. Crane, Ph.D., Esq. (scrane@rfem.com)
Rothwell, Figg, Ernst & Manbeck, PC
607 14th Street, NW, Suite 800
Washington, DC 20005

/Patrick D. Morris/

Patrick D. Morris
Registration No. 53,351