

Filed on behalf of: The Board of Trustees of the
Leland Stanford Junior University

Paper _____

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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 IPR2013-00390
Patent 8,195,415

PATENT OWNER STANFORD'S EXHIBIT LIST
(as of May 7, 2014)

Pursuant to 37 C.F.R. § 42.63(e), Patent Owner The Board of Trustees of the Leland Stanford Junior University (“Stanford”) hereby furnishes below a current listing of Stanford’s Exhibits to the Board and counsel for Petitioner Sequenom, Inc. (“Sequenom”). Patent Owner Stanford hereby certifies that copies of Stanford Exhibits 2001, 2051, 2103-2135, 2138 and 2139 have been served on counsel for Sequenom.

<i>Exhibit No.</i>	<i>Description</i>
2001	Transcript of December 20, 2013, deposition of Stacey Bolk Gabriel, Ph.D.
2002 - 2050	<i>EXHIBIT NUMBERS NOT USED</i>
2051	<i>Curriculum Vitae</i> of John Christopher Detter, Ph.D.
2052 - 2102	<i>EXHIBIT NUMBERS NOT USED</i>
2103	E-mail correspondence between Yair Blumenfeld, Christina Fan and Stephen Quake on November 20-21, 2006, regarding meeting to provide clinical samples for non-invasively diagnosing aneuploidy using fetal DNA in maternal blood.
2104	E-mail correspondence between Yair Blumenfeld and Stephen Quake on November 27, 2006, after meeting regarding providing clinical samples for diagnosing aneuploidy using fetal DNA in maternal blood.
2105	E-mail correspondence between Yair Blumenfeld and Stephen Quake on December 27, 2006, regarding having started writing IRB for obtaining maternal blood samples.
2106	E-mail correspondence between Yair Blumenfeld, Christina Fan and Stephen Quake on December 31, 2006, regarding obtaining equal numbers of samples from patients with Down Syndrome.
2107	E-mail correspondence between Yair Blumenfeld, Usha Chitkara, Louanne Hudgins and Stephen Quake on January 4, 2007, regarding completing preliminary IRB protocol 8412.
2108	Research consent form “Diagnosing Down Syndrome by Analyzing Maternal Blood” listing Drs. Louanne Hudgins, Usha Chitkara, Stephen Quake and Yair Blumenfeld.

<i>Exhibit No.</i>	<i>Description</i>
2109	Laboratory Notebook 3 of Christina Fan (September 2007 - March 2008).
2110	Laboratory Notebook 4 of Christina Fan (April 2008 - Oct 2008).
2111	E-mail from Christina Fan to Stephen Quake and Yair Blumenfeld dated June 19, 2008, attaching draft of "noninvasive manuscript v1.0.doc".
2112	Email correspondence between Stephen Quake, Christina Fan and Leonard Herzenberg dated July 1-9, 2008, and attaching second draft of PNAS paper.
2113	June 19, 2008 draft of Fan, H.C., et al., "Noninvasive diagnosis of fetal aneuploidy by shotgun sequencing DNA from maternal blood".
2114	Deposition Transcript of Dr. Stacey Bolk Gabriel taken on March 31, 2014, in IPR2013-00390.
2115	Declaration of Dr. Stacey Bolk Gabriel, dated November 26, 2013, filed in Interference No. 105,922.
2116	Decision on Motions in Interference No. 105,922, filed April 7, 2014.
2117	Declaration of Dr. J. Christopher Detter, dated May 7, 2014.
2118	E-mail correspondence between Arend Sidow and Stephen Quake on January 2-3, 2008.
2119	E-mail correspondence among Stephen Quake, Christina Fan and Joseph DeRisi on January 9 and January 29, 2008.
2120	E-mail correspondence among Stephen Quake, Christina Fan and Joseph DeRisi on April 4-8, 2008.
2121	E-mail correspondence among Stephen Quake, Christina Fan and Clement Chu on January 29, 2008.
2122	E-mail correspondence among Christina Fan and Clement Chu on January 29, 2008.
2123	E-mail correspondence among Stephen Quake, Christina Fan and Clement Chu on April 4-5, 2008.
2124	Email correspondence between Christina Fan and Clement Chu on April 11 and 17, 2008.
2125	E-mail correspondence between Christina Fan and Kael Fischer on May 20, 2008.
2126	E-mail correspondence between Christina Fan and Kael Fischer on May 26, 2008.

<i>Exhibit No.</i>	<i>Description</i>
2127	E-mail correspondence among Christina Fan, Yair Blumenfeld and Stephen Quake on May 28, 2008, attaching graph of preliminary analysis of full sequencing run on four trisomy patients and 3 normal samples.
2128	E-mail correspondence between Christina Fan and Kael Fischer on September 7-8, 2008.
2129	E-mail, dated July 1, 2008, from Christina Fan to Stephen Quake and Yair Blumenfeld attaching graph with new data points.
2130	E-mail correspondence, dated July 1, 2008, between Christina Fan and Stephen Quake regarding third Solexa run.
2131	E-mail correspondence, dated July 7, 2008, among Christina Fan, Yair Blumenfeld and Stephen Quake regarding latest version of PNAS draft.
2132	Declaration of Hei-Mun Christina Fan, Ph.D., dated May 7, 2014.
2133	Declaration of Stephen Quake, Ph.D., dated May 7, 2014.
2134	Declaration of Yair Blumenfeld, M.D., dated May 7, 2014.
2135	Declaration of Joseph DeRisi, Ph.D., dated May 7, 2014.
2136	<i>EXHIBIT NUMBERS NOT USED</i>
2137	<i>EXHIBIT NUMBERS NOT USED</i>
2138	Second Declaration of Dr. J. Christopher Detter, dated May 7, 2014.
2139	Fan, H.C., et al., "Noninvasive diagnosis of fetal aneuploidy by shotgun sequencing DNA from maternal blood," <i>Proc. Natl. Acad. Sci. USA</i> , 105(42) :16266–16271 (October 21, 2008).

Respectfully submitted,

Date: May 7, 2014

By: /s/ R. Danny Huntington

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CERTIFICATE OF SERVICE

I hereby certify that on this 7th day of May, 2014, a true and correct copy of the foregoing PATENT OWNER STANFORD'S EXHIBIT LIST was served by electronic mail, upon the following lead and backup counsel of record for Petitioner Sequenom, Inc.:

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