

Filed on behalf of: Junior Party FAN

Paper No. _____

By: R. Danny Huntington, Esq.
Sharon E. Crane, Ph.D., Esq.
ROTHWELL, FIGG, ERNST & MANBECK, P.C.
607 14th St., N.W., Suite 800
Washington, DC 20005
dhuntington@rfem.com
scrane@rfem.com
Main Telephone: (202) 783-6040
Main Facsimile: (202) 783-6031

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

HEI-MUN CHRISTINA FAN and STEPHEN QUAKE
Junior Party
(Patent 8,195,415),

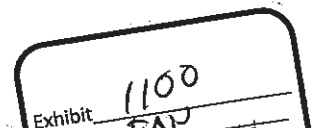
v.

YUK-MING DENNIS LO, ROSSA WAI KWUN CHIU, and KWAN CHEE CHAN
Senior Party
(Application 13/070,266),

Patent Interference No. 105,922 (DK)
(Technology Center 1600)

FAN PRIORITY STATEMENT

SEQUENOM EXHIBIT 1100



1 MAIL STOP INTERFERENCE
2 United States Patent and Trademark Office
3 Patent Trial and Appeal Board
4 Madison Building East
5 600 Dulany Street
6 Alexandria, Virginia 22313

7 Pursuant to Bd.R. 204(a)(1), Junior Party Fan ("Fan") hereby sets forth the basis upon
8 which Fan intends to establish its entitlement to judgment on priority.

9

10 ***Date and Location of Fan's Earliest Corroborated Conception***

11 Pursuant to Bd.R. 204(a)(2)(i), Fan intends to prove a date of earliest corroborated
12 conception in the United States of on or about December 18, 2007. Exhibit A is a copy of the
13 earliest document upon which Fan will rely to show conception.

14

15 ***Date and Location of Earliest Corroborated Actual Reduction to Practice***

16 Pursuant to Bd.R. 204(a)(2)(ii), Fan intends to prove a date of corroborated actual
17 reduction to practice in the United States of on or about March 24, 2008.

18

19 ***Earliest Corroborated Date on Which Diligence Began***

20 Pursuant to Bd.R. 204(a)(2)(iii), Fan intends to prove diligence beginning on or about
21 December 18, 2007.

22

23 ***A Copy of the Earliest Document Relied Upon to Show Conception***

24 Pursuant to Bd.R. 204(a)(2)(iv), Fan hereby provides, as an attachment to this Priority
25 Statement, a copy of the earliest document upon which Fan intends to rely to show conception.
26 (Exhibit A).

1
2
3
4
5
6
7
8
9
10
11

Date: July 31, 2013

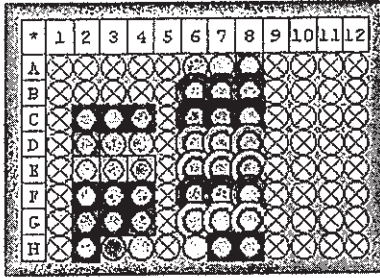
Respectfully submitted,

By: /s/ R. Danny Huntington
R. Danny Huntington, Reg. No. 27,903
Sharon E. Crane, Ph.D., Reg. No. 36,113
Rothwell, Figg, Ernst & Manbeck, P.C.
607 14th St., N.W., Suite 800
Washington, DC 20005

Counsel for Junior Party Fan

EXHIBIT A

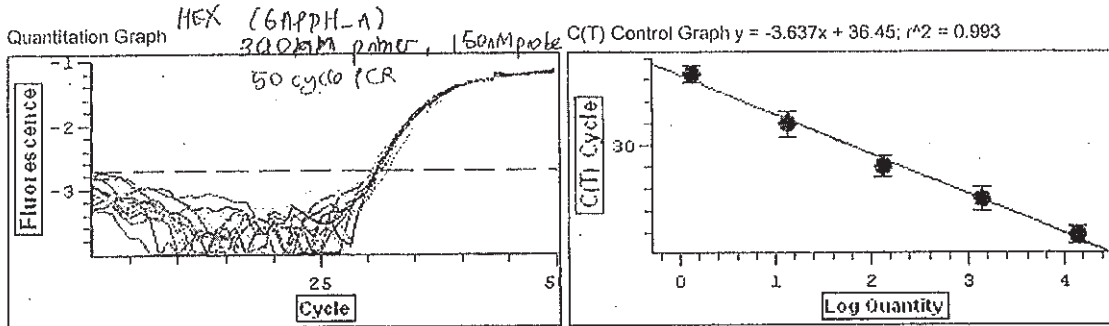
12/18/2007



evaporated wells
are not included in analysis

User: Shared
Data File: C:\Documents and Settings\Yann\My Documents\Down Syndrome
Diagnostics\Real-Time PCR\20071218_P27-P37.tad
Active Dye: (HEX)
C(T) Threshold: 0.002010
Threshold has been set manually.

800ul plasma → 50ul Buffer AE (extracted 12/17/2007)
2.5ul template (both samples + std)



Note

Set	Dye	Efficiency	C(t)	copies	Avg C(t)	Max C(t)	Min C(t)	C(t) SD	Avg copies	Max copies	Min copies	copies SD
NTC	HEX	N/A	N/A	N/A	49.49	49.49	49.49	0.00	0.0002592	0.0002592	0.0002592	0
P27	HEX	68.82	30.43	45.18	30.42	30.55	30.29	0.13	45.49	49.17	41.81	3.68
P28	HEX	68.44	31.00	31.44	31.06	31.32	30.65	0.30	30.78	39.28	25.62	6.054
P30	HEX	64.42	31.07	30.12	31.10	31.30	30.97	0.14	29.57	31.97	25.92	2.621
P31	HEX	65.54	30.46	44.13	30.47	30.55	30.43	0.05	44	45.06	41.93	1.463
P32	HEX	68.30	31.72	19.92	31.75	32.21	31.38	0.35	19.98	24.7	14.59	4.158
P35	HEX	69.37	31.00	31.5	31.05	31.61	30.50	0.45	31.79	43.26	21.41	8.956
P36	HEX	73.84	31.11	29.24	31.13	31.34	30.79	0.24	29.37	35.89	25.33	4.656
P37	HEX	77.50	30.50	43.18	30.50	30.50	30.50	0.00	43.18	43.18	43.18	0
std 1	HEX	83.83	21.83	1.364e+004	21.83	21.83	21.83	0.00	1.364e+004	1.364e+004	1.364e+004	0
std 2	HEX	76.12	25.07	1364	25.06	25.40	24.72	0.28	1364	1364	1364	0
std 3	HEX	60.36	28.13	136	28.10	28.28	27.90	0.16	136	136	136	0
std 4	HEX	47.07	31.92	13.6	32.00	32.52	31.56	0.39	13.6	13.6	13.6	0
std 5	HEX	92.31	36.47	1.36	36.47	36.47	36.47	0.00	1.36	1.36	1.36	0

plasma DNA con^o:

std 1 quantified as 18 ng/ul (Nanodrop)
copy # = $\frac{18 \cdot 2.5 \cdot 10^3}{6.6 \times 10^{-3}} = 13636$ copies
10-fold dilution series.

P27: 1137 copies/ml plasma
P28: 769.5 copies/ml plasma
P30: 739 copies/ml plasma
P31: 1100 copies/ml plasma
P32: 500 copies/ml plasma
P35: 795 copies/ml plasma
P36: 734 copies/ml plasma
P37: 1080 copies/ml plasma

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.