

Filed on behalf of: Junior Party FAN

Paper No. _____

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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),

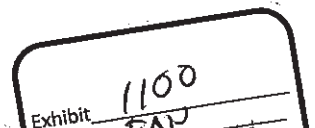
v.

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).

Respectfully submitted,

Date: July 31, 2013

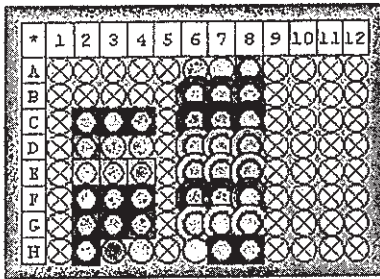
By: /s/ R. Danny Huntington

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EXHIBIT A

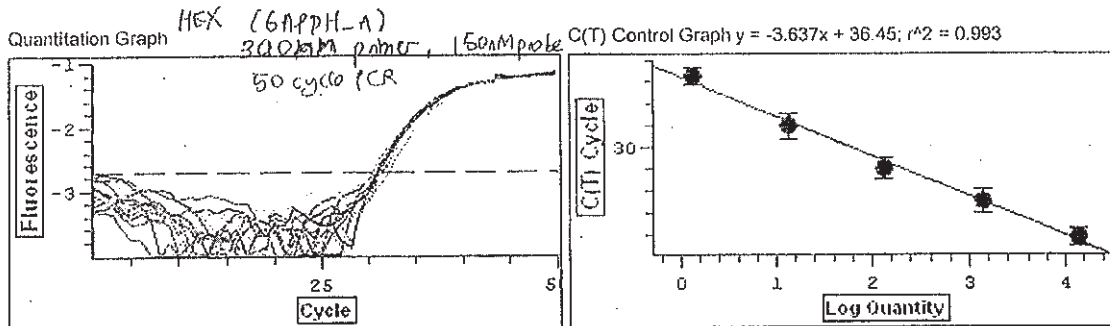
12/18/2007



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 18ng/ul (Nanodrop)

$$\text{copy \#} = \frac{18 \cdot 2.5 \cdot 10^{-3}}{6.6 \times 10^{-3}} = 1363.6 \text{ copies}$$

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

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