PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAURENCE CARLO TISI	01/17/2012
OLGA GANDELMAN	01/17/2012
GUY KIDDLE	01/17/2012
CATHAL JOSEPH MCELGUNN	01/17/2012

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13377704

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	ATTORNEY DOCKET NUMBER:	BJS-292-106
	NAME OF SUBMITTER:	B. J. SADOFF
DATE SIGNED: 06/14/2016	SIGNATURE:	/B. J. Sadoff/
	DATE SIGNED:	06/14/2016

Total Attachments: 2

PATENT REEL: 038910 FRAME: 0822 source=292-106-corrected-assignment#page1.tif source=292-106-corrected-assignment#page2.tif

PATENT REEL: 038910 FRAME: 0823

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

Laurence Carlo TISI
Olga GANDELMANN EN. 1416 116
Guy KIDDLE
Cathal Joseph MCELGUNN

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (Address) LUMORA LTD.

of Staffords Chartered Accounts, CPC1 Capital Park, Fulbourne, Cambridge, United Kingdom CB21 5XE

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions,

in the invention, and all application(s) for patent and any Letters Patent which may be granted therefor, known as

STEM ACCELERATED ISOTHERMAL NUCLEIC ACID AMPLIFICATION TECHNOLOGY (Case No. BJS-292-106)

for which the undersigned has filed an application for patent in the United States of America on 15 June 2010, as PCT/GB2010/001169, and a National phase of same as U.S. appln. Serial No. 13/377,704, filed on 12 December 2011.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

1914968

292-106

U.S. Application No. 13/377,704

Date $\frac{17 - 01 - 2012}{}$ Signature of inventor

Date 17-0 (-2012 Signature of inventor

Date 17 - 01 - 2012 Signature of Inventor

Date 17/1/2012 Signature of inventor

Laurence Carlo TISI

E.N. 02-Jun-2016

Cathal Joseph MCELGUNN