502206844 01/24/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Industrial Cooperation Agency Konkuk University	08/20/2012

RECEIVING PARTY DATA

Name:	Korea Materials & Analysis Corporation
Street Address:	554 Yongsan-dong
City:	Yuseong-gu, Daejeon
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-500

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	11616761
Application Number:	12036247
Application Number:	60755503

CORRESPONDENCE DATA

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Total Attachments: 2

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<u>PATENT</u>

REEL: 029690 FRAME: 0244

OP \$120.00 1161676

Attorney Docket No.: 026135-000210US

026135-000210EP

026135-000220US

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

SOLE

WHEREAS, Industrial Cooperation Agency Konkuk University at 1 Hwayang-dong, Seoul 143-701, Korea, hereinafter referred to as "Assignor," has rights in the inventions described and set forth in the below-identified European Patents and United States Patent Applications:

Title of Invention:

One Step Diagnosis by DNA Chip

European Patent No.:

EP 1979489 B1 (validated into Great

Britain and France)

German Patent No.:

DE 60200601351 D: and

Title of Invention:

One Step Diagnosis by Dendron-

Mediated DNA Chip

Filing Date:

December 27, 2006

U.S. Non-Provisional Application No.: 11/616,761; and

Title of Invention:

DNA Virus Detection by DNA Chip

Filing Date:

February 23, 2008

U.S. Non-Provisional Appl'n No.:

12/036,247

Title of Invention:

One Step Diagnosis by DNA Chip

Filing Date:

December 29, 2005

U.S. Provisional Appl'n No.:

60/755,503; and

WHEREAS, Korea Materials & Analysis Corporation, located at

Daejeon, Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the inventions and European Patents and United States Applications and in all U.S. Letters Patent, non-U.S. Patents, and Registrations which may be granted based on a priority claim to the same or which may be granted based on the above identified applications;

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Assignment 026135-000210US 026135-000210EP 026135-000220US

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignor has assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and European Patents and United States Applications and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the applications as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that it will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor's Representative and Assignee's Representative have signed on the dates indicated.

Dated: 2012 . J. 24

(insert name here)

Dean of Industrial Cooperation Agency Konkuk University

(insert title here)

Korea Materials & Analysis Corporation

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RECORDED: 01/24/2013