PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the JONG-MOOK KIM EXECUTION DATE FROM --12/15/2004-- TO "11/15/2004"; WOONG HAHN EXECUTION DATE FROM --12/18/2004-- TO "11/15/2004" previously recorded on Reel 022771 Frame 0272. Assignor(s) hereby confirms the ASSIGNMENT DOCUMENT.

CONVEYING PARTY DATA

Name	Execution Date
JONG-MOOK KIM	11/15/2004
WOONG HAHN	11/15/2004

RECEIVING PARTY DATA

Name:	VIROMED CO., LTD.
Street Address:	1510-8 BONGCHEON-DONG
Internal Address:	KWANAK-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	151-818

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11957170

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 6503357908

Email: kwoo@fenwick.com **Correspondent Name:** HAYAN YOON

Address Line 1: FENWICK & WEST LLP Address Line 2: **801 CALIFORNIA STREET**

Address Line 4: MOUNTAIN VIEW, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER: 33730-36740/US NAME OF SUBMITTER: HAYAN YOON, REG. NO. L0954 **SIGNATURE:** /Hayan Yoon/ 07/11/2017 **DATE SIGNED:**

Total Attachments: 3

PATENT REEL: 043162 FRAME: 0441

EPAS ID: PAT4498919

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> PATENT REEL: 043162 FRAME: 0442

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jong-Mook KIM	12/15/2004
Woong HAHN	12/18/2004

RECEIVING PARTY DATA

Name:	ViroMed Co., Ltd.	
Street Address:	1510-8 Bongcheon-dong, Kwanak-gu	
City:	Seoul	
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	
Postal Code:	151-818	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11957170

CORRESPONDENCE DATA

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Correspondent Name: Sterne, Kessler, Goldstein & Fox PLLC

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ATTORNEY DOCKET NUMBER:	2298.0030001
NAME OF SUBMITTER:	Eric K. Steffe

Total Attachments: 2

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OF \$40.00 1195/1/0

PATENT REEL: 043162 FRAME: 0443

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Jong-Mook KIM and Woong HAHN, hereby sell and assign to ViroMed Co., Ltd., a corporation formed under the laws of KOREA, whose mailing address is 1510-8 Bongcheon-7-dong, Kwanak-gu, Seoul, KOREA 151-818 (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as Hybrid Hepatocyte Growth Factor Gene Having High Expression Efficiency of Two Heterotypes of Hepatocyte Growth Factor for which application(s) for patent in the United States of America was filed on September 20, 2004 (also known as United States Application No. 10/944,277), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignce, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

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Date: Nov It 2004	Signature of Inventor:
	Jong-Mook KIM
Date: Klov 16, 2014	Signature of Inventor: Woong HAIN

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