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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Sung Kee KIM;
Hyunil LEE;
Jong Chan LIM; and
Sung Hee LEE

46-04

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: April 2, 2004 and April 6, 2004

2. Name and address of receiving party(ies)

Name: PANAGENE, INC.

Internal Address: _____

Street Address: 100 Sinsung-Dong, Yusung-Gu,
Daejeon, 305-345, Republic of KOREA

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: April 6, 2004

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joseph Hyosuk Kim

Internal Address: JHK Law

Street Address: P.O. Box 1078

City: La Canada State: CA Zip: 91012-1078

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Joseph Hyosuk Kim
Name of Person SigningApril 6, 2004
Date

Total number of pages including cover sheet, attachments, and documents: 7

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 015195 FRAME: 0408

ASSIGNMENT

WHEREAS, WE, Sung Kee KIM, Hyunil LEE, Jong Chan LIM, and Sung Hee LEE, the undersigned inventors and the ASSIGNORS herein, have invented a PNA MONOMER AND PRECURSOR, for which we are about to file application for Letters Patent of the United States, which application has been executed by each of us concurrently herewith and of which inventions and improvements we are the joint owners; and

WHEREAS, PANAGENE, INC. (ASSIGNEE) is a corporation organized and existing under the laws of Korea, having a place of business at 100 Sinsung-Dong, Yusung-Gu, Daejeon, 305-345, Republic of Korea, ASSIGNEE desires to acquire the entire right, title and interest in and to the inventions, applications and letters patent to be granted and issued for the inventions and applications;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to each of us paid, and other valuable consideration, the receipt and legal sufficiency of all of which is hereby acknowledged, we, the said ASSIGNORS, have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, we do hereby agree that we will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, we do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

The undersigned hereby grants the law firm of JHK Law 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 U.S. Patent and Trademark Office for recordation of this document.

BY ASSIGNOR

Dated: April, 6, 2004

By: Sung Kee Kim
Sung Kee Kim

WITNESSED BY:

Date: _____

Signature: _____

Name: _____

Address: _____

Date: _____

Signature: _____

Name: _____

Address: _____

BY ASSIGNOR

Dated: Apr. 6, 2004

By: Hyunil Lee
Hyunil LEE

WITNESSED BY:

Date: _____

Signature: _____

Name: _____

Address: _____

Date: _____

Signature: _____

Name: _____

Address: _____

BY ASSIGNOR

Dated: April 6, 2004

By: Jong Chan LIM
Jong Chan LIM

WITNESSED BY:

Date: _____

Signature: _____

Name: _____

Address: _____

Date: _____

Signature: _____

Name: _____

Address: _____

BY ASSIGNOR

Dated: 2 April 2004

By: 
Sung Hee LEE

WITNESSED BY:

Date: _____

Signature: _____

Name: _____

Address: _____

Date: _____


Signature: _____

Name: _____

Address: _____

BY ASSIGNEE

Dated: April, 6, 2004

By: 
Name: Sung Kee KIM
As authorized representative of
PANAGENE, INC.

WITNESSED BY:

Date: _____

Signature: _____

Name: _____

Address: _____

Date: _____

Signature: _____

Name: _____

Address: _____
