

04-23-2003

FILE NO. A35464 PCT-USA

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102427531

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Deog-Bae KIM, Hyeon-Jin KIM, Yong-Joon CHOI, Yoon-sik CHUNG

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

4-21-03

2. Name and address of receiving party(ies)

Name: Dongjin Semichem Co., Ltd.

Address: 472-2, Gajwa-dong, Seo-ku,
404-250 Incheon-city
Republic of Korea

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

City:

State:

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Additional name(s) and address(es) attached? Country: Korea

☐ Yes ☒ No

Execution Date: March 3, 2003

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 September 27, 2002

A. Patent Application No.(s)

10/257,531

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

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

Name: Neil P. Sirota

BAKER BOTTS L.L.P.

30 Rockefeller Plaza - 44 Fl.

New York, NY 10112

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:

02-4377 (Charge any additional fees to this account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.

Neil P. Sirota

Name of Person Signing

Signature

April 16, 2003

Date

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Total number of pages including cover sheet, attachments and document: 3

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40.00 DP

PATENT
REEL: 013979 FRAME: 0389

ASSIGNMENT

WHEREAS, We, KIM, Deog-Bae; KIM, Hyeon-Jin; CHOI, Yong-Joon; CHUNG, Yoon-Sik, a citizen of the Republic of Korea, whose post office addresses is 625-3, Yodang-ri 625-3, Yanggam-myun, Hwasung-kun, 445-930 Kyungki-do, Korea; Yodang-ri 625-3, Yanggam-myun, Hwasung-kun, 445-930 Kyungki-do, Korea; Yodang-ri 625-3, Yanggam-myeon, Hwaseong-kun, 445-930 Kyungki-do, Korea; Yodang-ri 625-3, Yanggam-myeon, Hwaseong-kun, 445-930 Kyungki-do, Korea

have made an invention for which we are about to make application for Letters Patent of the United States entitled **"POLYMER FOR CHEMICALLY AMPLIFIED RESIST AND A RESIST COMPOSITION USING THE SAME"**; and

WHEREAS, DONGJIN SEMICHEM CO., LTD., an university organized and existing under the laws of the Republic of Korea, and having an office in 472-2, Gajwa-dong, Seo-ku, 404-250 Incheon-city, Republic of Korea is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that We, the said KIM, Deog-Bae; KIM, Hyeon-Jin; CHOI, Yong-Joon; CHUNG, Yoon-Sik, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said DONGJIN SEMICHEM CO., LTD., and other valuable considerations unto us moving from said DONGJIN SEMICHEM CO., LTD., at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said DONGJIN SEMICHEM CO., LTD., its successors and assigns, the entire right, title and interest in and to the said invention for which we are about to make application for Letters Patent of the United States entitled **"POLYMER FOR CHEMICALLY AMPLIFIED RESIST AND A RESIST COMPOSITION USING THE SAME"** executed concurrently herewith, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND we, the said KIM, Deog-Bae; KIM, Hyeon-Jin; CHOI, Yong-Joon; CHUNG, Yoon-Sik, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said DONGJIN SEMICHEM CO., LTD., as the assignee of the entire right, title and interest in and to the same, for the sole

use and benefit of said DONGJIN SEMICHEM CO., LTD., its successors and assigns;

AND we, the said said KIM, Deog-Bae; KIM, Hyeon-Jin; CHOI, Yong-Joon; CHUNG, Yoon-Sik, for the considerations aforesaid, do hereby covenant and agree to and with said DONGJIN SEMICHEM CO., LTD., its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said DONGJIN SEMICHEM CO., LTD., its successors and assigns, may be required or necessary more effectively to secure to and vest in said DONGJIN SEMICHEM CO., LTD., its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that We will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

Subscribed and executed at Incheon-city
(Place)

on September 26, 2002
(Date)

Kim Deoghae

KIM, Deog-Bae

Kim Hyeon Jin

KIM, Hyeon-Jin

CHOI YONG-JOON

CHOI, Yong-Joon

chung yoon sik

CHUNG, Yoon-Sik

witness: Lee Kyung-A

(Type Name) LEE, Kyung-A

Witness: Park Mi Young

(Type Name) PARK, Mi-Young