

01-23-2004

U.S. Department of Commerce
Patent and Trademark Office
PATENT

00727 U.S. PTO
10758320



102652745

SHEET

PATENTS ONLY

Attorney Docket No.: 4611-032

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New *1-15-04*
☐ Resubmission (Non-Recordation)
Document ID#
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel # Frame #

Conveyance Type

☒ Assignment *10758320*
☐ Security Agreement
☐ License
☐ Change of Name
☐ Merger
☐ Other
U.S. Government
(For Use ONLY by U.S. Government Agencies)
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Bum-Young MYOUNG

Execution Date
Month Day Year
11/17/03

Name (line 2)

Second Party

Name (line 1) Byoung-Ho RHEE

Execution Date
Month Day Year
11/17/03

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) SAMSUNG ELECTRO-MECHANICS CO., LTD.

Name (line 2)

Address (line 1) 314, Maetan-3dong, Paldal-gu, Suwon-si

Address (line 2)

Address (line 3) Kyunggi-Do Republic of Korea 442-743
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name GOTTLIEB RACKMAN & REISMAN, P.C.

Address (line 1) 270 Madison Avenue, 8th floor

Address (line 2) New York, New York 10016-0601 USA

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

01/20/2004 GNORDOF1 00000076 10758320

OR FC:0021

40.00 DP

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

PATENT
REEL: 014900 FRAME: 0298

Correspondent Name and Address

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

#

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☒ No ☐

Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Tiberiu Weisz, Reg. No. 29,876

Name of Person Signing

Signature

Date

01.15.04.

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Yang-Je LEE

Execution Date
Month Day Year

11/17/03

Name (line 2)

Execution Date
Month Day Year

11/17/03

Name (line 1) Dek-Gin YANG

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Assignment of Executed Patent Application

Date: November 17, 2003

Assignor: **Bum-Young MYOUNG**

Address: **1331-303, Mokdong Apt., Sinjeong-dong, Yangcheon-gu, Seoul 158-070, Korea**

Assignor: **Byoung-Ho RHEE**

Address: **206-1101, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761, Korea**

Assignor: **Yang-Je LEE**

Address: **201-5, Bongmyeong 1-dong, Heungdeok-gu, Cheongju-si, Chungchungbuk-do 361-301, Korea**

Assignor: **Dek-Gin YANG**

Address: **34-5, Haengjeong-ri, Gadeok-myeon, Cheongwon-gun, Chungchungbuk-do 363-852, Korea**

Assignor:

Address:

Assignor:

Address:

Assignee: **SAMSUNG ELECTRO-MECHANICS CO., LTD.**

Address: **314, Maetan-3dong, Paldal-gu, Suwon-si, Kyunggi-Do 442-743, Republic of Korea**

If there is more than one Assignor or Assignee, the words "Assignor" and "Assignee" shall include them.

This assignment relates to a United States patent application signed by Assignor on **November 17, 2003** and entitled

BROWN OXIDE PRETREATMENT COMPOSITION FOR CLEANING COPPER SURFACE AND IMPROVING ADHESION OF POLYIMIDE SURFACE, AND METHOD FOR IMPROVING ADHESION OF POLYIMIDE SURFACE BY APPLYING THE SAME TO BROWN OXIDE PROCESS

This patent application is called "the Patent Application".

Assignor has received Ten Dollars (\$10.00) and other good and valuable consideration for this assignment.

Assignor assigns to Assignee all of Assignor's right, title and interest in the Patent Application, the invention described and claimed in the Patent Application, and all patents that may issue based on the invention and on the Patent Application in the United States *and in every foreign country*. Assignor also assigns to Assignee *all priority rights in the Patent Application*. *

In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name. * Assignor authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to Assignee.

Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment. Assignor will sign any additional documents as may be needed to carry out the purpose of this assignment.

This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

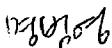
The undersigned hereby grant(s) to the firm of Gottlieb, Rackman & Reisman, 270 Madison Avenue, New York, New York 10016-0601, the power to insert on this assignment any further identification of the Patent Application which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office concerning recordation of this document.

The effective date of this assignment is the date at the top of this assignment.

SIGNATURE(S)

DATE

TYPED OR
PRINTED NAME(S)



Nov. 17, 2003

Bum-Young MYOUNG

First Name

Middle Initial

Last Name

* *Strike italicized sections only if foreign rights are not intended to be assigned.*

**PATENT
REEL: 014900 FRAME: 0301**

First Name	Middle Initial	Last Name	Nov. 17, 2003	Byoung-Ho RHEE
First Name	Middle Initial	Last Name	Nov. 17, 2003	Yang-Je LEE
First Name	Middle Initial	Last Name	Nov. 17, 2003	Dek-Gin YANG
First Name	Middle Initial	Last Name		
First Name	Middle Initial	Last Name		

STATE OF
COUNTY OF

On before me personally came

to me known to be the Assignor(s) described in and who executed the foregoing Assignment, and the Assignor(s) duly acknowledged to me execution of the same.

Notary Public

STATE OF
COUNTY OF

On before me personally came

to me known to be the Assignor(s) described in and who executed the foregoing Assignment, and the Assignor(s) duly acknowledged to me execution of the same.

Notary Public

STATE OF
COUNTY OF

On before me personally came

to me known to be the Assignor(s) described in and who executed the foregoing Assignment, and the Assignor(s) duly acknowledged to me execution of the same.

Notary Public

STATE OF
COUNTY OF

On before me personally came

to me known to be the Assignor(s) described in and who executed the foregoing Assignment, and the Assignor(s) duly acknowledged to me execution of the same.

Notary Public