

08-04-2003



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17575 U.S. PTO
10/626437
07/24/03

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Month Day Year

Name (line 1) Jong-Jin LEE Execution Date 06/10/03

Name (line 2) Execution Date

Second Party

Name (line 1) Tae-Gui KIM Execution Date 06/10/03

Name (line 2) Execution Date

Receiving Party

Mark if additional names of receiving parties attached

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

Name (line 2)

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Address (line 2)

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

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Enter for the first Receiving Party only.

Name GOTTLIEB RACKMAN & REISMAN PC

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Tiberiu Weisz, Reg. No. 29,876

Name of Person Signing


Signature

Date

Assignment of Executed Patent Application

Date: June 10, 2003

Assignor: **Jong-Jin LEE**
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Daejeon 306-777, Korea**

Assignor:
Address:

Assignor **Tae-Gui KIM**
Address: **2978-203, Bokdae-dong,
Heungdeok-gu, Cheongju-si,
Chungchungbuk-do 361-270, Korea**

Assignor:
Address:

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
June 10, 2003 and entitled **PACKAGE SUBSTRATE FOR ELECTROLYTIC LEADLESS PLATING
AND MANUFACTURING METHOD THEREOF**

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)
			<i>June 10, 2003</i>	Jong-Jin LEE
_____ First Name	_____ Middle Initial	_____ Last Name		

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

PATENT
REEL: 014330 FRAME: 0630

7/6 24 71

June 10, 2003

Tae-Gui KIM

First Name Middle Initial Last Name

First Name Middle Initial Last Name

First Name Middle Initial Last Name

First Name Middle Initial Last Name

First Name Middle Initial Last Name

STATE OF
COUNTY OF

STATE OF
COUNTY OF

On before me personally came

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.

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Notary Public

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Notary Public

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