

09-24-2002

Docket No.: SEC.975

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV03



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102230884

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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):

1. HWANG, Jung-Hyun 5. LEE, Doo-Won  
2. HUH, No-Hyun  
3. CHOI, Chang-Won  
4. CHOI, Byeung-Wook

9-19-02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: SAMSUNG ELECTRONICS CO., LTD.

Address: 416, Maetan-dong, Paldal-gu,

10/24/02  
10/24/02  
10/24/02

## 3. Nature of conveyance:

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

City: Suwon-si, Gyeonggi-do

State/Prov.:

Country: Republic of Korea

ZIP:

Execution Date: August 28, 2002

Additional name(s) &amp; address(es)

☐ Yes ☒ No

10/244674

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

If this document is being filed together with a new application, the execution date of the application is: August 28, 2002

Patent Application No.

Filing date

B. Patent No.(s)

NEW

SEPTEMBER 19, 2002

09/20/2002 HTECKLU1 00000027 10246674

02 FC:581

40.00 OP

Additional numbers

☐ Yes ☒ No

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

Name: ADAM C. VOLENTINE

Registration No. 33289

Address: VOLENTINE FRANCOIS, PLLC

12200 SUNRISE VALLEY DRIVE, SUITE 150

City: RESTON

State/Prov.: VA

Country: U.S.A.

ZIP: 20191

## 6. Total number of applications and patents involved:

1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0238

(Attach duplicate copy of this page if paying by deposit account)

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## 9. 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.

ADAM C. VOLENTINE

SEPTEMBER 19, 2002

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

3

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

PATENT  
REEL: 013303 FRAME: 0766

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s)

1. HWANG, Jung-Hyun
2. HUH, No-Hyun
3. CHOI, Chang-Won
4. CHOI, Byeung-Wook
5. LEE, Doo-Won

Insert Name(s)  
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to

Samsung Electronics Co., Ltd.

of 416 Maetan-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Title of  
Invention

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

WINDOW FOR ALLOWING END POINT OF ETCHING PROCESS TO BE DETECTED  
AND ETCHING DEVICE COMPRISING THE SAME

Date of  
Signing of  
Application

for which an application for patent in the United States of America has been executed by the undersigned on August 23, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

VOLENTINE FRANCOS, P.L.L.C. (9/2001)

The undersigned hereby grant(s) to Adam C. Volentine, Reg. No. 33,289 and William S. Francos, Reg. No. 38,456, and the firm of VOLENTINE FRANCOS, P.L.L.C. 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 United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>August 28th. 2002</u>	, Name of Inventor <u>Jung-Hyun HWANG</u>
Date _____	, Name of Inventor <u>Jung-Hyun HWANG</u>
Date <u>August 28th 2002</u>	, Name of Inventor <u>No-Hyun HUH</u>
Date _____	, Name of Inventor <u>No-Hyun HUH</u>
Date <u>August 28th. 2002</u>	, Name of Inventor <u>Chang-Won CHOI</u>
Date _____	, Name of Inventor <u>Chang-Won CHOI</u>
Date <u>August 28th. 2002</u>	, Name of Inventor <u>Byeung-Wook CHOI</u>
Date _____	, Name of Inventor <u>Byeung-Wook CHOI</u>
Date <u>August 28th. 2002</u>	, Name of Inventor <u>Doo-Won LEE</u>
Date _____	, Name of Inventor <u>Doo-Won LEE</u>

(Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even it has not been acknowledged and/or witnessed.)

Witness \_\_\_\_\_

Witness \_\_\_\_\_

#### ACKNOWLEDGMENT

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Applicant Reference No. AW7025US/MJ Atty Docket No. SEC.975