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Docket No.: SEC.884

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

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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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):

JAE, Man-Ho  
KIM, Min-Gyu

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

Name: SAMSUNG ELECTRONICS CO., LTD.

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

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

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

City: Suwon-city, Kyungki-do State/Prov.:

Country: Republic of Korea ZIP:

Execution Date: February 21 &amp; 22, 2002

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

☐ Yes ☒ No

## 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: Feb. 21 &amp; 22, 2002

Patent Application No.

Filing date

B. Patent No.(s)

NEW

MARCH 5, 2002

03/11/2002 HMOOR1 00000009 10087855

02 FC:581

40.00 DP

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 FRANCOS, 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

Name of Person Signing

Signature

MARCH 5, 2002

Date

3

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

PATENT  
REEL: 012673 FRAME: 0247

# 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) JAE, Man-Ho

KIM, Min-Gyu

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

SAMSUNG ELECTRONICS CO., LTD.

Insert Name(s) of Assignee(s) of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

Address (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

METHOD AND APPARATUS FOR POLISHING A SUBSTRATE WHILE WASHING A POLISHING

PAD OF THE APPARATUS WITH AT LEAST ONE FREE-FLOWING STREAM OF LIQUID

Title of Invention for which an application for patent in the United States of America has been executed by the undersigned

on 2002. 02. 21 , 2002. 02. 22

Date of Signing of Application 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 continuation, 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.

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 2002. 02. 21, Name of Inventor Man - Ho JAE

Man-Ho JAE

Date 2002. 02. 22, Name of Inventor Min - Gyu KIM

Min-Gyu KIM

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

(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 if it has not been acknowledged and/or witnessed.)

Witness

Witness

## ACKNOWLEDGMENT

} ss

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came the above-named

\_\_\_\_\_ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

Official Signature

SEAL

Official Title

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Applicant Reference No.: AW6008US Atty Docket No.: SEC.884

Serial No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_