



101620133

February 13, 2001
Attorney Dkt 5649-593

To the Honorable Commissioner

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Young-Woo Park

2-16-01

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

Samsung Electronics Co., Ltd
416 Maetan-dong, Paldal-gu
Suwon-city, Kyungki-do
Republic of Korea

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other _____

Execution Date: January 8, 1999

Additional name(s) & address(es) attached? Yes No

4. Application Serial No. 09/231,339 Patent No.

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

Additional numbers attached? Yes No

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

Scott C. Hatfield
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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:

DO NOT USE THIS SPACE

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.

Scott C. Hatfield, Reg. No. 38,176
Name of Person Signing

Signature

02/13/01
Date

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

02/26/2001 6TON11 00000017 09231339

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40.00 DP

ASSIGNMENT

THIS ASSIGNMENT, made by me, Young-Woo Park, a citizen of the Republic of Korea, residing at 818-1903, Soori Hanyang Apt., Sanbon-dong, Kunpo-shi, Kyunggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in **Methods for Forming Contact Holes Having Sidewalls with Smooth Profiles**, for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 09/231,339, filed January 13, 1999) the filing date and application number of said application when known, and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

PATENT

REEL: 011527 FRAME: 0633

I further covenant and agree to bind my heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 8 day of 1, 1999.

YOUNG WOO PARK (SEAL)
Young-Woo Park

Witnessed by:

BANG. BO - JOO.

Date: 1.8.

Park

Date: 1.8.99