

# PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                    |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                        |
| CONVEYING PARTY DATA   |                                   |
| Name   | Execution Date                    |
| Farooq Khan  | 11/03/2006                        |
| Cornelius Van Rensburg   | 11/03/2006                        |
| RECEIVING PARTY DATA   |                                   |
| Name:  | Samsung Electronics Co., Ltd.     |
| Street Address:  | 416 Maetan-dong, Paldal-gu        |
| City:  | Suwon-city, Kyungki-do            |
| State/Country:   | KOREA, REPUBLIC OF                |
| PROPERTY NUMBERS Total: 1  |                                   |
| Property Type  | Number                            |
| Application Number:  | 11556855                          |
| CORRESPONDENCE DATA  |                                   |
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| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                   |
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| Address Line 4:  | Minneapolis, MINNESOTA 55458-1339 |
| ATTORNEY DOCKET NUMBER:  | 2005.12.007.WS0/150.005           |
| NAME OF SUBMITTER:   | Lisa D. Gentry                    |
| Total Attachments: 2<br>source=00083064#page1.tif<br>source=00083064#page2.tif       |                                   |

OP \$40.00 11556855

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PATENT  
REEL: 018485 FRAME: 0963

## ASSIGNMENT

WHEREAS, we, Farooq Khan residing at 820 Saddlebrook Drive, Allen, TX 75002 and Cornelius Van Rensburg residing at 16500 Lauder Lane, Apt. 10106, Dallas, TX 75248, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled FLEXIBLE SECTORIZATION IN WIRELESS COMMUNICATION SYSTEMS (the "Application").

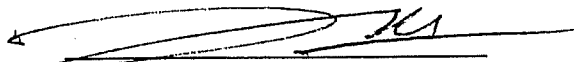
AND WHEREAS, Samsung Electronics Co., Ltd., having an office and place of business at 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea, a corporation organized and existing under and by virtue of the laws of the Republic of Korea, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that me and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to me relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

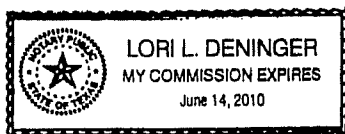
IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of November  
2006.

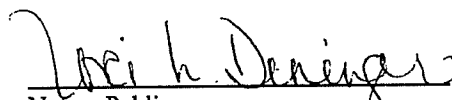
  
Farooq Khan

STATE of Texas  
COUNTY of Collin ss.

On this 3 day of November, 2006, before me personally appeared Farooq Khan to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



  
Notary Public

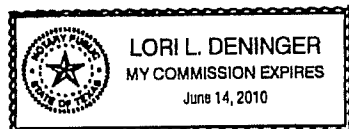
IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of November  
2006.

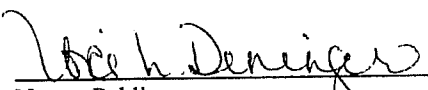
  
Cornelius Van Rensburg

STATE of Texas  
COUNTY of Collin ss.

On this 3 day of November, 2006, before me personally appeared Cornelius Van Rensburg to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



  
Notary Public