11-23-2004

11-12-04

| | Form PTO-1595 (Rev. 10/02) | ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | |
|-----------------------|---|---|--|
| | OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔⇔⇔ ▼ 10288757 | 7 | |
| | | Please record the attached original documents or copy thereof. | |
| | | | |
| | Name of conveying party(ies): Cornelius van Rensburg | Name: Samsung Electronics Co., Ltd. | |
| | Purva R. Rajkotia | Name | |
| | John S. Csapo | Internal Address: 416, Maetan-dong, Paldal-gu | |
| | Additional name(s) of conveying party(ies) attached? Yes No | 2. Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd. Internal Address: 416, Maetan-dong, Paldal-qu Suwon-city, Kyungki-do | |
| | 3. Nature of conveyance: | Republic of Korea | |
| | Assignment Merger | | |
| | Security Agreement Change of Name | Street Address: Same as above | |
| | | | |
| | Other | | |
| | | City:State:Zip: | |
| | Execution Date: _11/4/04, 11/12/04, 11/4/04, respectively | Additional name(s) & address(es) attached? Yes No | |
| | 4. Application number(s) or patent number(s): | 11/4/04, 11/12/04, 11/4/04 | |
| | If this document is being filed together with a new appl | lication, the execution date of the application is: respectively | |
| | A. Patent Application No.(s) | B. Patent No.(s) | |
| | | V=1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1,-1 | |
| | Additional numbers a | ttached? Yes V No | |
| | 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| | Name: Docket Clerk | 7. Total fee (37 CFR 3.41)\$\frac{40.00}{ | |
| | Internal Address: P.O. Drawer 800889 | ✓ Enclosed | |
| | Dallas, Texas 75380 | Authorized to be charged to deposit account | |
| | | 8. Deposit account number: | |
| | Street Address: | | |
| 11/17/20 | 04 SMINASSI 00000049 10987741 | 50-0208 | |
| 01 FC:80 | | | |
| | City:State:Zlp: | | |
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| | 9. Signature. | , | |
| | Λ | | |
| | John T. Mockler, Registration No. 39,775 | November 12, 2004 | |
| | Name of Person Signing | Signature Date | |
| | Total number of pages including cov | er sheet, attachments, and documents: | |

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

WHEREAS, We, Cornelius van Rensburg, resident of Dallas, Dallas County, Texas, citizen of South Africa, Purva R. Rajkotia, resident of Plano, Collin County, Texas, citizen of the United States of America, and John S. Csapo resident of Dallas, Dallas County, Texas, citizen of the United States of America, have invented certain new and useful improvements in a "APPARATUS AND METHOD FOR CONTROLLING AUXILIARY PILOT CHANNEL IN A CDMA2000 WIRELESS NETWORK" disclosed in an application for United States Letters Patent (Application No._______, filed_______), said application having been executed concurrently herewith;

WHEREAS, SAMSUNG ELECTRONICS CO., LTD, a corporation organized under the laws of the Republic of Korea, having a place of business at 416, Maetan-dong, Paldal-gu, Suwoncity, Kyungki-do, Republic of Korea (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; We authorize William A. Munck or John T. Mockler of Davis Munck, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful

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PATENT REEL: 016000 FRAME: 0843 oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this day of November, 2004.

Cornelius van Rensburg

STATE OF TEXAS

S

COUNTY OF Davids

On this 4TM day of November, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Cornelius van Rensburg, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.

Notary Public, State of Texas

My Commission Expires:

7/9/05

| Date: | 11/12/04 |
|-------|----------|
|-------|----------|

Purva R. Rajkotia

| STATE OF TEXAS | § |
|------------------|---|
| | § |
| COUNTY OF DALLAS | § |

On this 12 day of November, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared Purva R. Rajkotia, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.

ON CONTRACTOR OF THE STATE OF T

Notary Public, State of Texas

My Commission Expires:

7/9/05

| Date: | 11/0 | 4/04 |
|-------|------|------|
| | 7 | 7 |

John S. Csapo

| STATE OF TEXAS | § |
|-----------------|----------|
| COUNTY OF DAUAS | 9 § |

On this 4 day of November, 2004, before me, a Notary Public in and for the State and County aforesaid, personally appeared John S. Csapo, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.



Notary Public, State of Texas

My Commission Expires:

7/9/05

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RECORDED: 11/12/2004

- 4 -

PATENT REEL: 016000 FRAME: 0846