

08-03-2006

Patents Only



To: Commissioner for Patents:

103285668

Date: July 28, 2006  
Attorney Docket No. 5649-1963

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

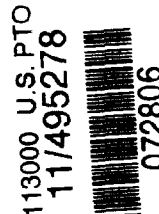
[1.] **Sergey Zhidkov**

[2.] **Jin-Hee Cheon**

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

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

**Samsung Electronics Co., Ltd.**  
**416 Maetan-dong, Yeongtong-gu,**  
**Suwon-si, Gyeonggi-do**  
**REPUBLIC OF KOREA**



3. Nature of conveyance:

- X Assignment  
\_\_\_ Merger  
\_\_\_ Security Agreement  
\_\_\_ Change of Name  
\_\_\_ Other

Execution Date: [1.] July 14, 2006 [2.] July 14, 2006

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

4. Application Serial No. \_\_\_\_\_

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

[1.] July 14, 2006 [2.] July 14, 2006

Additional numbers attached? \_\_\_ Yes X No

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

**Elizabeth A. Stanek**  
**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  
X Enclosed  
\_\_\_ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

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.*

Elizabeth A. Stanek, Reg. No. 48,568  
Name of Person Signing

Signature

July 28, 2006  
Date

Total number of pages including cover sheet, attachments and document: 4

**CERTIFICATE OF EXPRESS MAILING**

"Express Mail" label number: EV 769235234 US

Date of Deposit: **July 28, 2006**

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Erin A. Campion

08/01/2006 HLE333 00000042 11495278

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( 40.00 OP )

# **ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Sergey Zhidkov**, a citizen of Russia, residing at 503-604, Greenville Apt., Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and **Jin-Hee Cheon**, a citizen of the Republic of Korea, residing at 2-906 Jungang Heights Apt., Guro-dong, Guro-gu, Seoul, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **SYNCHRONIZATION CIRCUITS, ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) RECEIVERS, AND RELATED METHODS AND COMPUTER PROGRAM PRODUCTS**, for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-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, we 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 us if this assignment and sale had not been made.

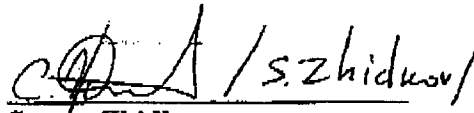
## ASSIGNMENT - CONTINUED

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

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

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us 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 14 day of July, 2006.

  
Sergey Zhidkov

Witnessed by:

\_\_\_\_\_

Date: \_\_\_\_\_

**ASSIGNMENT – CONTINUED**

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14 day  
of 7, 2006.

  
\_\_\_\_\_  
Jin-Hee Cheon

Witnessed by:

\_\_\_\_\_

Date: \_\_\_\_\_