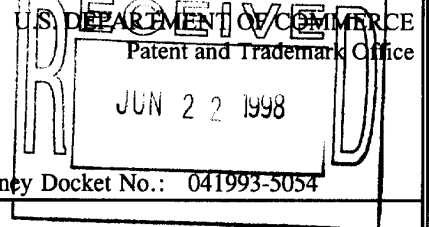


08-11-1998



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Attorney Docket No.: 041993-5054

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R

To the Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

ATTN: BOX ASSIGNMENT

1. Name of conveying party(ies):

Seog-Jun LEE

Additional name(s) of conveying party(ies) attached?

Yes  No

MRD 6-22-98

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

Name:

LG SEMICON CO., LTD.

Internal Address:

Street Address

1, Hyangjeong-dong, Hungduk-Gu  
Cheongju, Choongcheongbuk-Do  
KOREA

City:

State:

Zip:

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

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

Execution Date: JUNE 27, 1997

4. Application number(s) or patent number(s):

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

A. Patent Application No.: 08/891,977

B. Patent No.(s)

40E  
NOSPAC  
FEE

Additional numbers attached:  Yes  No

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

Name: Mr. Robert J. Gaybrick  
Internal Address: Morgan, Lewis & Bockius LLP  
Street Address: 1800 M Street, N.W.  
City: Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R §3.41): \$40.00

Enclosed

Authorized to be charged to deposit account 50-0310.

8. Deposit account number: 50-0310

Attach duplicate of page if paying by deposit account

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.

J. MICHAEL THESZ  
Name of Person Signing

Signature

June 22, 1998  
Date

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

PATENT

REEL: 9251 FRAME: 0808

06/30/1998 00000000 0089197  
01 FC-541

09-16-1997



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100532542

Attorney Docket No.: 041993-5054

1058 U.S. PAT. & TM. OFF. 08/89197-07/11/97

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1. Name of conveying party(ies):  
Seog-Jun LEE

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

Name:  
LG SEMICON CO., LTD.

Internal Address:

Street Address  
1, Hyangjeong-dong, Heungduk-ku  
Cheongju-si, Chungcheonbuk-do  
KOREA

City:  
State: Zip:

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

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

3. Nature of conveyance:

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

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08/891,977

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 Enclosed  
 Authorized to be charged to deposit account 13-4520

8. Deposit account number: 13-4520  
Attach duplicate of page if paying by deposit account

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.

J. MICHAEL THESZ  
Name of Person Signing

Signature

JULY 11, 1997  
Date

Total number of pages including cover sheet, attachments and documents: 2

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:  
**FREQUENCY SYNTHESIZER**

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on \_\_\_\_\_ (Serial No. \_\_\_\_\_); and

WHEREAS, LG SEMICON CO., LTD a corporation of Korea, whose post office address is \_\_\_\_\_  
1, Hyangjeong-Dong, Hungduk-Gu, Cheongju, Choongcheongbuk-Do, Korea  
 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).

Full Name of Sole or First Assignor Seog-Jun LEE	Assignor's Signature <i>Lee</i>	Date 6/27/97
Address Samho Garden Apt. 3-1007, 28, Banpo-Dong, Seocho-Ku, Seoul, Korea		Citizenship Rep. of Korea
Full Name of Second Assignor	Assignor's Signature	Date
Address		Citizenship
Names of additional inventors attached [ ] Yes [ ] No		

**Morgan, Lewis & Bockius LLP**