

05-07-2001



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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

10974 U.S. PTO  
109/844897  
04/26/01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New 04/26/01

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
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**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
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Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

	Execution Date
	Month Day Year

Name (line 1)

Name (line 2)

**Second Party**

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Execution Date  
Month Day Year

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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05/02/2001 HLE333 00000004 09844897

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40.00 DP

**Correspondent Name and Address**

Area Code and Telephone Number (949) 760-0991

Name Ben J. Yorks

Address (line 1) IRELL & MANELLA LLP

Address (line 2) 840 Newport Center Drive

Address (line 3) Suite 400

Address (line 4) Newport Beach, CA 92660

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. # 2

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/899 897

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT PCT PCT PCT

**Number of Properties**

Enter the total number of properties involved. # 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Deposit Account

Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: # 09-0946

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Ben J. Yorks

*Ben Yorks*  
Signature

April 26, 2001

Name of Person Signing

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

Conveying Party(ies)

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Execution Date  
Month Day Year

Name (line 1) Hyung Jai Lee

04/19/01

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

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Address (line 2)

Address (line 3) City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



1c974 U.S. PTO  
09/04/89  
04/26/01

# **ASSIGNMENT**

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, WE, the undersigned:

**Geng Wang, Zhaohui Li and Hyung Jai Lee**

hereby sell, assign, and transfer to:

**SAMSUNG ELECTRONICS CO., LTD.**

a Delaware Corporation, having a principal place of business at 416 Maetan-Dong, Paldal-Gu, Suwon City, Kyungki-Do, Korea ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

## **A NOVEL METHOD TO DETECT JUNCTION INDUCED SIGNAL INSTABILITY FROM GMR/MR HEADS**

and in and to said application and all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States application, and in all subsequent PCT and foreign applications claiming priority to the United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been

made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each inventor: Please also list the date that you signed the accompanying DECLARATION & POWER OF ATTORNEY

Each Inventor: Please Sign and Date Below:

<u>4/19/01</u> Date	<u>Geng Wang</u> Name: Geng Wang	<u>4/19/01</u> Date
<u>4-19-01</u> Date	<u>Zhaohui Li</u> Name: Zhaohui Li	<u>4-19-01</u> Date
<u>4-19-01</u> Date	<u>Hyung Jai Lee</u> Name: Hyung Jai Lee	<u>4-19-1</u> Date
<u>                    </u> Date	<u>                    </u> Name:	<u>                    </u> Date
<u>                    </u> Date	<u>                    </u> Name:	<u>                    </u> Date
<u>                    </u> Date	<u>                    </u> Name:	<u>                    </u> Date
<u>                    </u> Date	<u>                    </u> Name:	<u>                    </u> Date

Assignment Document Return Address:  
Irell & Manella LLP  
840 Newport Center Drive, Suite 400  
Newport Beach, CA 92660  
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