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<u> 101777905</u>

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17/04/01

Joon-young PARK, Chang-sik YOO, Kee-wook JUNG, Wonchan KIM

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

3. Nature of conveyance:

Assignment

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Other

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Street Address: 416 Maetan-dong, Paldal-gu,

City: Suwon-city, Kyungki-do, REPUBLIC OF KOREA

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

Name: Samsung Electronics Co., Ltd.

Internal Address:

Execution Date:

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: June 4, 2001 and June 19, 2001

A. Patent Application No.(s)

Additional numbers attached? No

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

Name: Eugene M. Lee

Internal Address: THE LAW OFFICES OF EUGENE M. LEE

Street Address: 2111 Wilson Boulevard, Suite 1200

City: Arlington, State: VA ZIP: 22201

6. Total number of applications and patents

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

7/11/2001 DTESSEM1 00000021 09899223

FC:581

X Enclosed

involved: One

B. Patent No.(s)

Authorized to be charged to deposit account

8. Deposit account number: 5-01645

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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.

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PATENT

REEL: 011966 FRAME: 0543

249/250

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(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to		
INPUT BUFFER CIRCUIT FOR TRANSFORMING PSEUDO DIFFERENTIAL SIGNALS INOT FULL DIFFERENTIAL SIGNALS		
as set forth in his United States Patent Application		
X executed concurrently herewith		
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in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees be will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of The Law Offices of Eugene M Lee, PLLC the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS			
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Name: Chang-sik YOO	Signature: Changel (h)	Date: Jun. 4 20	
Name: Kee-wook JUNG	Signature: Cee inook Jung	Date: Jun & Jud	
Name: Won-chan KIM	Signature: Monchan Ki	Date: June 420	
NAMES AND SIGNATURES OF WITNESSES			
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Name:	Signature:	Date:	

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