09-24-2004 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office (Rev. 6/93) T **REC** 102844506 Attorney Docket No. 5000-1-656 To the Assistant Commissioner for Patents 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: <u>SAMSUNG ELECTRONICS CO.; LTD</u> Do-In CHOI; Yun-Je OH Address: 416, MAETAN-DONG, YEONGTONG-GU Additional name(s) of conveying party(ies) attached? [] Yes [X] No SUWON-SI, GYEONGGI-DO 3. Nature of conveyance: REPUBLIC OF KOREA [X] Assignment Merger [] Change of Name Security Agreement Additional name(s) & address(es) attached? [] Yes [X] No Other: ___ Execution Date: ___August 25, 2004 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: August 25, 2004 A. Patent Application No.(s) B. Patent No.(s)

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

Name: Steve Cha

Address: CHA & REITER 210 Route 4 East, Suite #103 Paramus, New Jersey 07652 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

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> (BDSM 8) (9/94)

Docket No.: 5000-1-656

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Do-In CHOI of #103-1501, Samsungraemian 1-cha, Mabuk-ri, Guseong-myeon, Yongin-si, Gyeonggi-do, Republic of Korea
- 2) Yun-Je OH of #107-1801, Samsungraemian 1-cha, Mabuk-ri, Guseong-eup, Yongin-si, Gyeonggi-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of 416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C.§1.00, in and to the invention entitled as:

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invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee's interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest therein.

1

PATENT REEL: 015806 FRAME: 0524

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Do-In CHOI

Signature of inventor

Dated: August 25, 2004

WITNESSED: Hee - Won CHEWNG

Name of Second Inventor: Yun-Je OH

Signature of inventor

Dated: August 25, 2004

WITNESSED: Hee - Won CHEUNG

2

RECORDED: 09/16/2004

PATENT REEL: 015806 FRAME: 0525