

10-24-2003

10.14.03 RECO



102583303

Attorney Docket No. 5000-1-452

To the Assistant Commissioner for Patents

<p>1. Name of conveying party(ies): Kug SHIN; Young-Seok KIM</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other: _____</p> <p>Execution Date: <u>September 23, 2003</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>SAMSUNG ELECTRONICS CO., LTD.</u> Address: <u>416. MAETAN-DONG, PALDAL-GU</u> <u>SUWON-CITY, KYUNGKI-DO</u> <u>KOREA, REPUBLIC OF KOREA</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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16834 U.S. PTO
10/685130



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: September 23, 2003

<p>A. Patent Application No.(s) <u>10/21/2003 DTESSEM1 00000011 10685130</u></p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

02 FC:8021 40.00 PP

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Steve Cha</u> Address: <u>CHA & REITER</u> <u>411 Hackensack Avenue, 9th Floor</u> <u>Hackensack, New Jersey 07601</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account, if necessary - for overages or underpayments only</p> <p>8. Deposit account number: <u>502-470</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p><u>Steve Cha, Reg No.44,069</u> Name of Person Signing</p>	<p> Signature</p>	<p><u>10/14/03</u> Date</p>
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Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

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) Kug SHIN of
#14-109, Hyundai Villa, 982, Shihung 3-dong, Kumchon-gu, Seoul, Republic of Korea
- 2) Young-Seok KIM of
#614-802, Hyojachon, 310, Sohyon-dong, Pundang-gu, Songnam-shi, Kyonggi-do,
Republic of Korea

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

SAMSUNG ELECTRONIC CO., LTD. of
416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA
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:

***METHOD OF AUTHENTICATING A CHANNEL AUTHORIZATION USING A
NETWORK ACCESS DEVICE IN A COMBINED BROADCASTING AND
COMMUNICATION SYSTEM***

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.

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

Name of First Inventor: Kug SHIN

Kug SHIN
Signature of inventor

Dated: September 23, 2003

WITNESSED: Jong-Hee KIM

Name of Second Inventor: Young-Seok KIM

Young Seok, Kim
Signature of inventor

Dated: September 23, 2003

WITNESSED: Jong-Hee KIM