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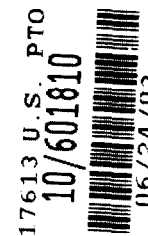
PATENTS ONLY

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

1. Name of conveying party(ies): (1) Byeong-chang LEE (2) In-don JU

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

SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon City, Kyungki-do Republic of Korea



3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other:

Execution Date(s): May 28, 2003

4. Application number(s) or patent number(s): 10,601,810

[X] This document is being filed together with a new application: (a) The execution date(s) of the application is/are: May 28, 2003 (b) The title is: A METHOD OF SELECTING A FREQUENCY BAND OF AN OUTPUT AUDIO SIGNAL BY A COMPUTER

[] This document is being filed after filing of the application: (a) Patent Application No(s). / , filed ; or (b) Patent No(s). , issued

5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1572.1140 Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) [X] Enclosed [] Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this 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.

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Michael D. Stein, Reg. No. 37,240 Name of Person Signing

Signature

June 24, 2003 Date

Total number of pages including cover sheet: 2

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Paldal-gu
Suwon city, Kyungki-do
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

A METHOD OF SELECTING A FREQUENCY BAND OF AN OUTPUT AUDIO SIGNAL
BY A COMPUTER

relating to International Patent Application PCT/JP _____ / _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; *(Insert date of execution of application, if not concurrent)*

(b) filed on _____.

Serial No. _____ / _____;

Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434- 1500) is hereby authorized to insert in (b) the specified data, when known.

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The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).
(Typed Name & Signature of Inventor(s)) *(Date)* *(Typed Name & Signature of Witness(es))*

1) Byeong-chang Lee MAY 28, 2003 _____
Byeong-chang LEE
2) In-don JU MAY 28, 2003 _____
In-don JU