

10-27-2003



FORM PTO-1595

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

1. Name of conveying party(ies):
(1) Seung-joon YANG
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:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____

Execution Date(s): October 11, 2003

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application: October 17, 2003

(a) The execution date(s) of the application is/are: October 11, 2003

(b) The title is: MOTION ESTIMATION APPARATUS, METHOD, AND MACHINE-READABLE
MEDIUM CAPABLE OF DETECTING SCROLLING TEXT AND GRAPHIC DATA

OR

☐ This document is being filed after filing of the application:

(a) Patent Application No(s). _____, filed _____; or

(b) Patent No(s). _____, issued _____

10 / 6 0 6 7 3 7

5. Name and address of party to whom correspondence concerning document should be mailed:
STAAS & HALSEY LLP Our Docket: 1349.1265
Attention: Michael D. Stein
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

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

☒ 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.

Gene M. Garner II Reg. No. 34,172
Name of Person Signing

Signature

October 17, 2003
Date

Total number of pages including cover sheet: 2

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PATENT
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U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid in the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

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 in the invention entitled

MOTION ESTIMATION APPARATUS, METHOD, AND MACHINE-READABLE MEDIUM CAPABLE OF DETECTING SCROLLING TEXT AND GRAPHIC DATA

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. Unassigned:

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified date, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge in full 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) Seung-jan YANG

10/11/2003

Eun-ji LEE

2) _____

3) _____

4) _____

5) _____

6) _____

7) _____