

10-18-2001

FORM PTO-1595
(Rev. 6/93)



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R SHEET

U.S. DEPARTMENT OF COMMERCE
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PATENTS ONLY

Attorney Docket No. 5000-1-121N

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):

Tae-Hee HAN; Seung Ho HWANG

10/09/01

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: August 8, 2001

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

Name: SAMSUNG ELECTRONIC CO., LTD.

Address: 416, MAETAN-DONG, PALDAL-GU,

SUWON-CITY, KYUNGKI DO,

KOREA, REPUBLIC OF KOREA

Additional name(s) & address(es) attached? Yes No

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: _____

A. Patent Application No.(s)

09/905,096

B. Patent No.(s)

007 9

Additional numbers attached? Yes No

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

Name: DAVID A. JACKSON

Address: KLAUBER & JACKSON

411 Hackensack Avenue, 4th Floor

Hackensack, New Jersey 07601

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account, if necessary - for overages or underpayments only

8. Deposit account number:

11-1153

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

(BDSM 8)
(9/94)

PATENT
REEL: 012238 FRAME: 0793

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) Tae-Hee HAN of Suwon Post Office Box 105, Kyonggi-do, Korea
- 2) Seung Ho HWANG of 373-1, Kusong-dong, Yusong-gu, Taejon, 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:

BLOCK MATCHING PROCESSOR AND METHOD FOR BLOCK MATCHING MOTION
ESTIMATION IN VIDEO COMPRESSION

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.

Name of First Inventor: Tae-Hee HAN

Thhan
Signature of inventor

Dated: August 8, 2001

WITNESSED: *[Signature]*
Young-Hee Park

Name of Second Inventor: Seung Ho HWANG

Signature of inventor

Dated: _____

WITNESSED: _____

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

Name of First Inventor: Tae-Hee HAN

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Seung Ho HWANG

Seung Ho Hwang

Signature of inventor

Dated: 8/8/2001

WITNESSED: *Yun Ae*

YOUNG Ae PARK