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DEPARTMENT OF COMMERCE  
Patent and Trademark Office

10-22-98



100866539

Docket No.: P62207US0

To the Honorable Commissioner  
original documents or copy thereof.

Please record the attached

1. Name of conveying party(ies):

Jae Gark Choi  
Chie Teuk Ahn  
Sung Hoon Hong

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

Internal Address: \_\_\_\_\_

Street Address: 161 Gajung-Dong, Yusong-ku

City: Daejeon State: Korea ZIP: \_\_\_\_\_

Add'l name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: June 20, 1998

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)  
09/116,903, filed July 17, 1998

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Yoon S. Ham, Esq.

Internal Address: \_\_\_\_\_

Street Address: Jacobson, Price, Holman & Stern, PLLC  
400 Seventh Street, N.W.

City: Washington State: DC Zip: 20004

6. Total number of applications and patents involved: \_\_\_\_\_ 1 \_\_\_\_\_

7. Total fee (37 CFR 1.21(h))..... \$ 40.00

☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: 06-1358  
(Atty.Dkt.No. 11356-P62207US0)

10/29/1998 JWA/TKMS 00000160 09116903

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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.

Yoon S. Ham (Limited Recognition) 10/22/98  
Name of Person Signing Date

Signature

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments

PATENT

REEL: 9543 FRAME: 0589

## UNITED STATES OF AMERICA—ASSIGNMENT

- (1-6) Insert Name(s) of Inventors
- (1) JAE GARK CHOI
- (2) CHIE TEUK AHN
- (3) SUNG HOON HONG
- (4)
- (5) and
- (6)
- In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to
- (7) Insert Name of assignee (7) Electronics and Telecommunications Research Institute
- (8) Insert Address of Assignee (8) of 161 Gajung-Dong, Yusong-ku, Daejeon, Korea
- (9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) a INSTITUTION of REPUBLIC OF KOREA (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
- (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) APPARATUS AND METHOD FOR ENCODING MULTIPLE VIDEO PROGRAMS for which the undersigned has (have) executed an application for patent in the United States of America
- (11) Insert Date of Signing of Application, or filing date and Serial No., if known (11) Said application having been ~~received~~/filed on July 17, 1998 (and assigned Serial No. 09/116,903)

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>June 20, 1998</u>	Name of Inventor <u>Jae Gark Choi</u>	<u>J.G. Choi</u> (SEAL)
	typed name	signature
Date <u>June 20, 1998</u>	Name of Inventor <u>Chietek Ahn</u>	<u>Chietek Ahn</u> (SEAL)
	typed name	signature
Date <u>June 20, 1998</u>	Name of Inventor <u>Sung Hoon Hong</u>	<u>Sung Hoon Hong</u> (SEAL)
	typed name	signature
Date _____	Name of Inventor _____	_____ (SEAL)
	typed name	signature
Date _____	Name of Inventor _____	_____ (SEAL)
	typed name	signature
Date _____	Name of Inventor _____	_____ (SEAL)
	typed name	signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ Additional inventor's names and signatures on a separate sheet. Witness \_\_\_\_\_  
Witness \_\_\_\_\_

LAW OFFICES OF

JACOBSON, PRICE, HOLMAN &amp; STERN

THE JENIFER BUILDING

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WASHINGTON, D.C. 20004

JPH&amp;S 12/92