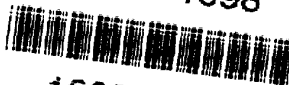


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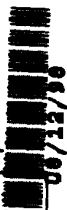
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1. Name of conveying party(ies):

Hanbit KANG

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

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

Name: DAEWOO ELECTRONICS CO., LTD.

Address: 541, 5-Ga, Namdaemoon-Ro

Jung-Gu, Seoul

Country (if other than USA): KOREA

3. Nature of conveyance:

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

Execution Date: July 18, 1998

09/132665

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: July 18, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

PENNIE & EDMONDS LLP
1667 K Street, N.W., Suite 1000
Washington, DC 20006

6. Number of applications and patents involved: One (1)

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Signature

August 12, 1998
Date

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PEDC-130882.1

SOLE

ASSIGNMENT

WHEREAS, I, **Hanbit KANG**, ASSIGNOR, a citizen of **Republic of Korea**, residing at **Video Research Center, Daewoo Electronics Co., Ltd., 541, 5-Ga, Namdaemoon-Ro, Jung-Gu, Seoul, Korea**, am the inventor of the invention in **METHOD AND APPARATUS FOR SYMBOL TIMING RECOVERY OF A VESTIGIAL SIDEBAND TELEVISION SIGNAL** for which I have executed an application for a Patent of the United States

- ☒ which is executed on ☒ even date herewith or ☐ _____ (date)
☐ which is identified by Pennie & Edmonds LLP docket no. _____
☐ which was filed on _____, Serial No. _____

and WHEREAS, **Daewoo Electronics Co., Ltd., 541, 5-Ga, Namdaemoon-Ro, Jung-Gu, Seoul, Korea**, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (US\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my signature.

Date July 18, 1998 Hanbit Kang L.S.