

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	12/29/2004
CONVEYING PARTY DATA	
Name	Execution Date
Electronics and Telecommunications Research Institute	12/29/2004
RECEIVING PARTY DATA	
Name:	Electronics and Telecommunications Research Institute
Street Address:	161, Gajung-dong, Yusong-ku
City:	Daejeon
State/Country:	KOREA, REPUBLIC OF
Name:	VK CORPORATION
Street Address:	67 Jije-dong
City:	Pyongtaek-shi, Kyonggi-do
State/Country:	KOREA, REPUBLIC OF
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	6081159
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ATTORNEY DOCKET NUMBER:	123059-05000909

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PATENT
REEL: 017379 FRAME: 0211

NAME OF SUBMITTER:

Yoon S. Ham

Total Attachments: 2

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ASSIGNMENT

WHEREAS, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, an Institute of Republic of Korea, located at 161 Gajeong-dong, Yuseong-ku, Daejeon, Republic of Korea, (hereinafter Assignor) owns U.S. Letters Patent **6,081,159** by virtue of an Assignment recorded December 9, 1998 on Reel 9627, Frame 0423; and

WHEREAS, ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, an Institute of Republic of Korea, located at 161, Gajung-dong, Yusong-ku, Daejeon, Republic of Korea, and VK CORPORATION, a Corporation of Republic of Korea, located and doing business at 67 Jije-dong, Pyoungtaek-shi, Kyonggi-do, Republic of Korea, (hereafter Assignees), are desirous of acquiring the complete title and interest in said Letters Patent;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents do sell, assign and transfer unto said Assignees, their successors, legal representatives, heirs and assigns the entire right, title and interest in the United States to said invention as described in Letter Patent **6,081,159**, and all re-issues, or extensions of said Letters Patent to be held and enjoyed by said Assignees for their own use, or for their legal representatives, successors, heirs, and assigns to the full end of the term for which said Letters Patent is granted, and any extensions thereof, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made, and for the same consideration said Assignor hereby covenant and agree that at the time of execution and delivery of this instrument it is the lawful owner of the complete right, title and interest in and to said invention and said Letters Patent above mentioned, and their interest is unencumbered and that they have good and full right and lawful authority to sell and convey its interest in the manner set forth herein; and for the same consideration Assignor hereby covenant and agrees that it will, when ever counsel for said Assignees, or counsel for their legal successors, legal representatives, heirs or assigns shall advise that any proceedings in connection with said Letters Patent or any re-issue or extension of said Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, make all lawful oaths, and do all acts necessary as required to be done for the procurement, maintenance, enforcement and defense of said Letters Patent, without charge to said Assignor, its successors, legal representatives, heirs and assigns, but at the expense of said Assignees, their successors, legal representatives, heirs and assigns.

Assignor hereby further assign to Assignees all claims and causes of action for infringement of the

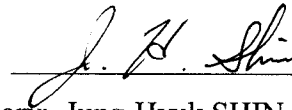
patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

Assignor hereby grant(s) the law firm of Mayer, Brown, Rowe & Maw LLP, 1909 K Street, N.W., Washington, D.C. 20006-1101, 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.

Assignor: Electronics and Telecommunications Research Institute

Date: December 29, 2004

Signature: _____

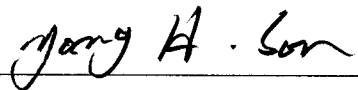


Name of Signatory: Jung-Hyuk SHIN

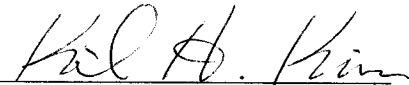
Title : Leader of Intellectual Property Management Team

Witnesses:

(1) Yong-Ho Son



(2) Kil-Hae Kim



Atty. Ref.:

YSH/kyc