FORM PTO-1595 J.S. DEPARTMENT OF COMMERCE 102249173 RECORDATA Patent and Trademark Office PATENTS ONLY 2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): In-HO CHOI Young-Woo KWON Kun-Goo LEE Yong-Seog PAHN 2. Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416 Maetan-dong, Paldal-gu Suwon City, Kyungki-do 0/08/02 Republic of Korea 3. Nature of conveyance: Assignment X Merger Security Agreement Change of Name Other: Execution Date(s): August 28, 2002 Application number(s) or patent number(s): 4. This document is being filed together with a new application: The execution date(s) of the application is/are: August 28, 2002 (a) The title is: GATEWAY HAVING BYPASSING APPARATUS (b) This document is being filed after filing of the application: Patent Application No(s). _____, filed _____ , issued (b) Patent No(s). Name and address of party to whom correspondence concerning document should be mailed: 5. STAAS & HALSEY LLP Our Docket: 1594.1092 Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 6. Total number of applications and patents involved: __1 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 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. Michael D. Stein, Reg. No. 37,240 Signature Date Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE 10/09/2<u>002 HDFMESS1 00000034 1</u>0265792 40.00 OP 01 FC:581

> PATENT REEL: 013367 FRAME: 0581

U.S. ASSIGNMENT

S&H 1/00

Docket No. 1594.1092

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Paldal-ku, Suwon city, Kyungki-do, 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 to the invention entitled (Title of Invention)

GATEWAY HAVING BYPASSING APPARATUS

elating to International Patent Application PCT/JP/_ executed on even date berewith or, if not so executed, was		oplication for Letters Patent of the United States was
(a) executed on;	(Insert date of execution	on of application, if not concurrent)
(b) filed on;		ey of STAAS & HALSEY LLP, 700 Eleventh Street, C. 20001 (202/434-1500) is hereby authorized to Tied data, when known.
nd to said application and all Letters Patent(s) of the Uniterests or reexamination application based thereon, for the ny extensions thereof (collectively, hereinafter, "said applement ASSIGNOR agree(s), when requested by said ASS which the ASSIGNEE may deem necessary, desirable or encluding in the preparation and prosecution of said applicates amination, or public use proceeding, and in any litigatic to include but not be limited to executing all papers, in worn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s)	full term or terms for which the lication(s) and Letters Patent(s) IGNEE and without charge to be xpedient, for securing, maintain ation(s) and the issuance of said ion or other legal proceeding without the cluding separate assignments at has (have) affixed his/her/their	ne said Letters Patent(s) may be granted and including ("). but at the expense of said ASSIGNEE, to do all acts ning and enforcing protection for said invention, d Letters Patent(s), in any interference, reissue, hich may arise or be declared in relation to same, such and declarations, taking all rightful oaths, providing r signature(s).
(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
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