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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): Jin-su YUN Cheol-ju YANG 2. Name and Address of receiving party(ies): SAMSUNG Electronics Co., Ltd. 416 Maetan-dong, Paldal-gu Suwon-city, Gyunggi-do Republic of Korea 3. Nature of conveyance: Assignment <u>X</u> Change of Name Security Agreement Other: Execution Date(s): May 23, 2003 Application number(s) or patent number(s): This document is being filed together with a new application: The execution date(s) of the application is/are: May 23, 2003 (a) The title is:PRINTER AND METHOD OF DRIVING COOLING FAN OF PRINTER (b) OR This document is being filed after filing of the application: Patent Application No(s). / ____, filed _____ (a) . issued Patent No(s). (b) Name and address of party to whom correspondence concerning document should be mailed: 5. Our Docket: 1349.1232 STAAS & HALSEY LLP Attention: Michael D. Stein 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001 Total number of applications and patents involved: __1 6. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) 7. **Enclosed**

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Authorized to be charged to deposit account.

Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) 8. (Attach duplicate copy of this page if paying by deposit account)

Statement and signature. 9.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached

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Michael D. Stein, Reg. No. 37, 240

Name of Person Signing

June 4, 2003

Date

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U.S. ASSIGNMENT

S&H 1/00

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 (thisert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG Electronics Co., Ltd. 416 Maetan-dong, Paldal-gu Suwon-city, Gyunggi-do

RECORDED: 06/04/2003

Republic of 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) PRINTER AND METHOD OF DRIVING COOLING FAN OF PRINTER relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: (a) executed on _____; (Insert date of execution of application, if not concurrent) Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to Serial No. ____; insert in (b) the specified data, when known. and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute. reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful paths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Typed Name & Signature of Witness(es)) May 23, 2003 Ce Ex

Sin-sil YUN

Theol-ju YANG

May 23, 2003

Eun-ji LEE

Cheol-ju YANG

Cheol-ju YANG

May 23, 2003

> PATENT REEL: 014142 FRAME: 0122