

U.S. DEPARTMENT OF COMMER



FORM PTO-159

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To the Honorable Commissioner

PATENTS ONLY
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1 10 81	e Horiorable Commissioner of Faterits and Trademarks: Trease recert the attached enginer described to Sept and Trademarks.
1.	Name of conveying party(ies): Karp-sik YOUN
2.	Name and Address of receiving party(ies):
	SAMSUNG Electronics Co., Ltd. 416, Maetan-Dong, Yeongtong-gu, Suwon-city, Kyungki-do Republic of Korea
3.	Nature of conveyance: X
4.	Application number(s) or patent number(s): This document is being filed together with a new application: (a) The execution date(s) of the application is/are: December 2, 2003 (b) The title is:PUMP APPARATUS FOR INK JET PRINTER OR This document is being filed after filing of the application: (a) Patent Application No(s)/, filed; or
	(b) Patent No(s). , issued .
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1349.1314 Attention: Gene M. Garner II 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005
6.	Total number of applications and patents involved:1
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Assignment) X Enclosed 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.
	M. Garner II, Reg. No. 34,172 of Person Signing December 9, 2003 Date
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U.S. ASSIGNMENT

SWH IANA

IN CONCIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the middlesigned inventor(s) (hereinatian, "ASSIGNOR") by (hister Namets) & Address(es) of ASSIGNEE(S))

Samsung Electronics Co., Ltd. 416. Mactan-dong, Yeongtong gu Suwon-si, Gyeonggi-do Republic of Korea therematics, "ANSIGNIE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNED the entire and exclusive right, title and interest to the invention entitled (little of Invention) DUMP APPARATUS FOR INK JET PRINTER and/or for which application for Letters Patent of the United States was (a) executed on _____ (Insert date of weecoulon of application, if not concurrent) Any registered automey of STAAS & HALNEY LLP, 1201 New York Ave.. N W. Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known. and to and application and all Latters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, research or recognition application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereon (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to becar the expense of said ASSIGNEE, to do all acts which the ASSK INEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention. meloding in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, recommunition, 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 meltule but not be limited to executing all papers, including separate assignments and declarations, taking all rightful eathe, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WITHEROF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Typed Nume & Signature of Witnexx(ex)) 21

RECORDED: 12/09/2003

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