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1.	Young-su LEE Seo-hyun CHO Hyung-hyu HWANG Moo-youl KIM Myung-song JUNG				
2.	Name and Address of receiving party(ies):				
	SAMSUNG Electronics Co., Ltd. 416 Maetan-dong, Paldal-gu Suwon-city, Gyunggi-do Republic of Korea		10/438209		
3.	Nature of conveyance: <u>X</u> Assignment Security Agreement Other: Execution Date(s): May 13, 2003	Merger Change of Name			
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: <u>May 13, 2003</u> (b) The title is:INK CARTRIDGE OR ☐ This document is being filed after filing of the application:				
	(a) Patent Application No(s)/ (b) Patent No(s), issue	, filed	_; or		
5.	Name and address of party to whom co STAAS & HALSEY LLP Attention: <u>Michael D. Stein</u> 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001	Our Docket: <u>1349.12</u>			
6.	Total number of applications and patent	ts involved: <u>1</u>			
7.	Total fee (37 CFR 3.41)(\$ <u>X</u> Enclosed Authorized to be charged to dep	·			
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 copy is a true copy of the original docur		ue and correct and any attached		
Micho	el D. Stein, Reg. No. 37,240	Miller While	May 15, 2003		
Name of Person Signing Signature Date					
	USE THIS SPACE	Total numb	er of pages including cover sheet: <u>2</u>		

PATENT REEL: 014073 FRAME: 0391

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00). and of other godd and valuable consideration paid to the undersigned inventor(r.) (hereinafter, "ASSIGNOR") by (inter Name (s) & Address(cs) of ASSIGNED(S))

SAMSUNG Electronics Co., Ltd. 416 Maetan-dong, Peldal-gu Suwan-city, Gyunggl-do Republic of Korsa

(horeinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby salls, ensigh and transfers to ASSIGNEE the entire and exclusive sight, title and interest to the invention entitled (*Title of Invention*)

INK CARTINDOS		
relating to International Patent Application PCT/IP excaused on even date herewith or, if not so executed, way:	and/or for which application for Leviers Parent of the United States was	
(a) executed on:	Ansert date of execution of application. If not concurrent	
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and to said application and all Letters Person(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or recommination application based thereon, for the full (some or terms for which the said Letters Patent(s) may be granted and including any coversions thereof (collectively, hereinsfter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(a), when requested by said ASSIGNEE and without charge to but at the expense of raid ASSIGNEE, in do all acts which the ASSIGNEE may deam requested by said ASSIGNEE or resuring, maintaiding and emboding protection for paid invention, including in the properties and proposation of raid opplication(s) and the invention for inducting and proposation of raid opplication(s) and the invented fried textors Petert(s) in any interformer, recommendation, or public us proceeding, and in any litigation or other togal proceeding which may under the declared in the invention, which will be invited to exceeding, and in any litigation or other togal proceeding which may under the declared in the state of the state of the declared in the state of the state of the declared in the state of the state of the declared in the state of the sta

TH WITHESS WILLERSOF, the undernighted inverter(a) has (have) affined his/her/their signature(a). (Typed Norte & Signature of Invertor(s)) (Dute) (Typed Matter & Signature of Internet(ag)

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