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To the Honorable Commissioner of Patents and Trademarks.	Please record the attached original documents or copy thereof.
 Name of conveying party(ies): Yoon-seop EOM, Won-hyung LEE and Yong-back YOO 	2. Name and address of receiving party(ies)?
Additional name(s) of conveying party(ies) attached? yesx no	Name: SAMSUNG ELECTRONICS CO., LTD. Internal Address: 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea Street Address:
3. Nature of Conveyance:	ane as above
Assignment Merger Change of Name TRADES	State Zip ditional name(s) & address(es) attached? yes <u>x</u> no
Other	
Execution Date: November 30, 1999	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No(s).
09/427,725	
Additional numbers attached? Yes x No	
Name and address of party to whom correspondence concerning document should be mailed:	 Total number of applications and patents involved: One (1)
SUGHRUE, MION, ZINN, MACPEAK & SEAS	
2100 Pennsylvania Avenue, N.W. Suite 800	7. Total Fee (37 CFR 3.41): \$ 40.00
Washington, D.C. 20037-3202	x Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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PATENT REEL: 010518 FRAME: 0146

ASSIGNMENT

Whereas, I/We, Yoon-seop Eom, Won-hyung Lee and Yong-back Yoo of 106-1403 Dongshin Apt., 401 Jungja 1-dong, Jangan-gu, Suwon-city, Kyungki-do, Rep. of Korea; 73-1006 Hyundai Apt., 456 Apkujeong 1-dong, Kangnam-gu, Seoul, Rep. of Korea and 127-102 Jugong Apt., 333 Cheoncheon-dong, Jangan-gu, Suwon-city, Kyungki-do, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in APPARATUS AND METHOD FOR MEASURING DEVELOPER CONTAMINATION OF PRINTER

and executed an application for Letters Patent of the United States of America therefor on

30 November 1999 ; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. & 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/427,725, filed 27 October 1999) the filing date and application number of said application when known.

Date: 30 November 1999	s/ Youn-sepp Eom
Date: 30 November 1999	si Won Hang Ct
Date: 30 November 1999	Won-hyung Les
Date:	Yong-baek Yoo s/
Date:	s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. &261)

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PATENT REEL: 010518 FRAME: 0147

RECORDED: 01/21/2000