Form PTO-1595 RI (Rev. 10/02) CMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ▼ 103063 To the Honorable Commissioner of Patents and Trademarks:	U.S. Patent and Trademark Office	
1. Name of conveying party(ies):	Name and address of receiving party(ies)	
	Name: Kyocera Technology Development, Inc O	
Tomoyuki Tanaka	- B	
Manuel A. Manalo	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No		
Nature of conveyance:	27	
✓ Assignment	1855 Gateway Blyd Suite 400	
Security Agreement Change of Name	Street Address: 1855 Gateway Blvd., Suite 400	
Other		
	City: Concord State: CA Zip: 94520	
Execution Date: Aug-8, 2005	Only	
	Additional name(s) & address(es) attached? Yes V No	
4. Application number(s) or patent number(s):		
	cation, the execution date of the application is:	
A. Patent Application No.(s)	B. Patent No.(s)	
	ached? Yes No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Kyocera Technology Development, Inc	7. Total fee (37 CFR 3.41)\$40	
Internal Address.	✓ Enclosed	
Internal Address:	Authorized to be charged to deposit account	
Intellectual Property Administration	/ Tutionzed to be charged to deposit account	
	8. Deposit account number:	
Street Address: 1855 Gateway Blvd., Suite 400	o. Deposit account number.	
Circuit / Iddicas.		
City: Concord State: CA Zip: 94520		
DO NOT USE	THIS SPACE	
9. Signature. To the best of my knowledge true and correct and any attached copy is a	and belief, the foregoing information is true copy of the original document.	
Tomoyuki TANAKA (Reg. # 52273)	Arua, 10 2005	
Name of Person Signing	Signature Date	
Total number of pages including cover		
2005 SHINASS1 00000019 11201988 Mail documents to be recorded with required cover sheet Information to: Commissioner of Patents & Trademarks, Box Assignments		

04 FC:8021

40.00 OP

	Based of Sample Form (former P10/36/15) (06-05)
ASSIGNMENT OF APPLICATION	Docket Number (Optional) 2005-0801
Whereas, I/We, Tomoyuki Tanaka, Manuel A hereafter referred to as applicant, have invented certain in System for detecting and average of the system for a United States Patent was Application Number	new and useful improvements in voiding printing of solid black areas
for which an application for a United States Patent vand Whereas, Kyocera Technology Development, Ir to "assignee" whose mailing address is 1855 Gateway desirous of acquiring the entire right, title and interest in the	nc. of Concord, CA here referred y Blvd. Suite 400, Concord, CA 94520 is
Now, therefore, in consideration of the sum ofEight hundred dollars for individual_), the receipt whereof is acknowledge, and other applicant(s), by these presents do sell, assign and transfer the said invention in the United States and the entire right which may be granted therefore in the United States. I/We U.S. Patent and Trademark Office to issue said United Statistle, and interest in and to the same, for his sole use and I representatives, to the full end of the term for which said Pasame would have been held by me had this assignment a	er good and valuable consideration, I/We, the runto said assignee the full and exclusive right to s, title and interest in and to any and all Patents hereby authorize and request the Director of the ates Patent to said assignee, of the entire right, behoof; and for the use and behoof of his legal atent may be granted, as fully and entirely as the
Executed this 8th day of A	ngust 2005
at Concord, CA	
x x x	Signature
OO O/\	ted Name/Registration No., if applicable
Before me personally appeared said Tomoyuki	Taraka & Manuel A. Manale
and acknowledged the foregoing instrument to be his free	act and deed this

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

Seal

ASSIGNMENT OF APPLICATION	Docket Number (Optional) 2005-0801	
Whereas, I/We, Tomoyuki Tanaka, Manuel A. Manaloof Concord, CA, USA, hereafter referred to as applicant, have invented certain new and useful improvements in System for detecting and avoiding printing of solid black areas of Concord, CA, USA, hereafter referred to as applicant, have invented certain new and useful improvements in System for detecting and avoiding printing of solid black areas for which an application for a United States Patent was filed on		
for which an application for a United States Patent was executed on Aug. 8, 2005, and Whereas, Kyocera Technology Development, Inc. of Concord, CA here referred to "assignee" whose mailing address is 1855 Gateway Blvd. Suite 400, Concord, CA 94520 is desirous of acquiring the entire right, title and interest in the same;		
Now, therefore, in consideration of the sum ofEight hundred dollars for each individual (_\$ 800.00 for each individual_), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.		
executed this day of A	rugust 2005	
	rand a March	

Signature

Tomoyuki Tanaka, Manuel A. Manalo Printed Name/Registration No., if applicable

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.

and acknowledged the foregoing instrument to be his free act and deed this

Before me personally appeared said

RECORDED: 08/10/2005

day of

Seal

PATENT REEL: 016893 FRAME: 0370