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To the Honorable Commissioner of Patents and Trademan's Please record the attached original documents or convergent	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
KEVIN J. O'NEILL, JR. and MAHENDRA VARMAN	Name:
	QMS, INC.
Additional name(s) of conveying party(les) attached? U Yes W No	Internal Address:
3. Nature of conveyance:	
☐ Security Agreement ☐ Change of Name	Street Address: One Magnum Pass
U Other	P.O. Box 81250
Execution Date: <u>May 20, 1998 and May 21, 1998</u>	City: Mobile
	State: AL ZIP: <u>36689-1250</u>
	Additional name(s) & address(es) attached?   Yes  No
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)
A. Tutelle application no. (5)	2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.
08/985,097 60/032,355	
60,032,333	
Additional numbers	attached? □ Yes ⊠ No
	6. Total number of applications and
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>	patents involved:
Name: William H. Logsdon	
Internal Address: Webb Ziesenheim Bruening	7. Total fee (37 CFR 3.41)\$ 80.00 £
Logsdon Orkin & Hanson, P.C.	⊠ Enclosed
Street Address: 700 Koppers Building	☐ Authorized to be charged to deposit account
436 Seventh Avenue	
City: Pittsburgh State: PA ZIP: 15219-1818	8. Deposit account number:
	(Attach triplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
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.	
William H. Logsdon, Reg. No. 22, 132 Will f. May 26, 1998	
William H. Logsdon, Reg. No. 22,132 Name of Person Signing  Name of Person Signing  Name of Person Signing	
Total number of pages including cover sheet, attachments and document	
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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

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## ASSIGNMENT

WHEREAS, WE, KEVIN J. O'NEILL, JR. and MAHENDRA VARMAN, residing at 604 Chelsea Drive East, Mobile, Alabama 36600 and 7210 Ashmoor Drive North, Mobile, Alabama 36695, respectively, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR REFORMATTING A HIGH RESOLUTION IMAGE FILE FOR PRINTING ON A LOWER RESOLUTION PRINTER for which a patent application was filed in the United States Patent and Trademark Office on December 4, 1997 and bears Serial No. 08/985,097 and filed a United States Provisional Application on December 4, 1996 which bears Serial No. 60/032,355 (hereinafter "said applications");

AND, WHEREAS, QMS, INC., a corporation of the State of Delaware, having a place of business at One Magnum Pass, P.O. Box 81250, Mobile, Alabama 36689-1250, hereinafter called the "assignee," is desirous of acquiring the entire right, title, and interest in and to said applications and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations—in—part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations—in—part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Assistant Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation—in—part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date 5/2//8

Inventor\_

Kevin J. O'Neili

5/20/98

Inventor

Mahendra Varman