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DOCUMENT ID NO. 1022/10/0				
To the Honorable Commission	ner of Patents and Trademarks:	Please record the attached original documents or copy thereto:		
Name of conveying party(ies): Donald E. TROXEL James J. GUERRERA	4.22.03	Name and address of receiving party(ies): Name: ECRM, Incorporated		
		Internal Address:		
Additional name(s) of conveying party(ies) att	tached? _ Yes X No			
3. Nature of conveyance:				
X Assignment Ma	erger	Street Address: 554 Clark Road		
Security Agreement Ch	nange of Name			
Other	······	City: Tewksbury State/Country: MA ZIP: 01876		
Execution Date: October 9, 1996		Additional name(s) & address(es) attached? _ Yes X No		

4. Application number(s) or patent number(s):	
If the document is being filed together with a new application, the execution	on date of the application is:
A. Patent Application No(s).	B. Patent No(s).
08/731,300 filed October 15, 1996; 09/947,723 filed September 6, 2001	

Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 2
Name: HALE AND DORR LLP	7. Total fee (37 CFR 3.41) \$80.00
Internal Address:	Enclosed
	X Authorized to be charged to deposit account
Street Address: 1455 Pennsylvania Ave., N.W.	8. Deposit account number:
	08-0219
City: Washington State: DC ZIP:20004	

Additional numbers attached? $_$ Yes \underline{X} No

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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.

Gregory S. Discher, Registration No. 42,488 Name and Registration No. of Person Signing

Total number of pages comprising cover sheet:

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> **PATENT** REEL: 013987 FRAME: 0402

ASSIGNMENT

For valuable consideration, we, <u>Donald E. Troxel</u>, of <u>Belmont</u>, <u>Massachusetts</u> and <u>James</u>

J. Guerrera of Lowell, Massachusetts; hereby assign to ECRM, Incorporated, a Delaware corporation having a place of business at 554 Clark Road, Tewksbury, Massachusetts 01876, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled TRANSFERRING DATA FROM DISK STORAGE DIRECTLY TO A PERIPHERAL DEVICE, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Toules bery Much	,
this day of c to be, 1996 Donnell to Topic	L.S.
Donald E. Troxel / STATE OF Massachusetts:	
:SS. COUNTY OF Middlesey: Before me this 9th day of October, 1996, personally appeared	
Donald E. Troxel known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained. Carol Anne Toplant Notary Public Carol Anne Toplant	
My Commission Expires: August 8, 1997 [Notary's Seal Here]	

PATENT REEL: 013987 FRAME: 0403

IN WITNESS WHEREOF, I hereto set my hand and seal at	
this 9 day of 00, 1996	
Im J Kurrer	L.S.
James J. Guerrera	
STATE OF Massachusetts	
COUNTY OF	
· · · · · · · · · · · · · · · · · · ·	
Before me this day of	
James J. Guerrera known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the	
purposes therein contained.	
aral arne to ben	
Notary Public /	
My Commission Expires: Jugust 8, 1997 [Notary's Seal Here]	
My Commission Expires: (Mu Guide)	
[Notary's Seal Here]	

RECORDED: 11/19/2002

PATENT REEL: 013987 FRAME: 0404