	·		
Form PTO-1595 08 - 03 - 1996 (Rev. 6-93)  OMB No. 0651-0011 (exp. 4/94)	OVER SHEET Patent and Trademark Office		
To the Honorable Commissioner o. 100779751	are attached original documents or copy thereof.		
Name of conveying party(ies): 7 - 29 - 9 8     Gerald E. Haegele  Additional name(s) of conveying party(ies) attached? □Yes ⊠No  3. Nature of conveyance:     ☑ Assignment □ Merger     □ Security Agreement □ Change of Name     □ Other  Execution Date: June 15, 1998	2. Name and address of receiving party(ies):  Name: International Business Machines Corporation Internal Address:  Street Address:  Armonk, New York 10504  Additional name(s) & address(es) attached? □ Yes ☑ No		
4. Application number(s) or patent number(s):  If this document is being filed with a new application.  A. Patent Application No.(s)  09/079,698	, the execution date of the application is:  B. Patent No.(s)		
' Additional numbers attached? □ Yes 🛛 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents 1 involved:		
Name: Harvey D. Fried Internal Address:	7. Total Fee (37 CFR 34)		
Street Address: QUARLES & BRADY 222 Lakeview Avenue - 4th Floor West Palm Beach, FL 33401	8. Deposit account number  17-0055  (Attach duplicate 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 priginal document.  Harvey D. Fried Docket No. 6169-60  Total number of pages including cover sheet:			

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

DOCKET NUMBER: 6169-60

# ASSIGNMENT

Whereas, I,				
(1)	Gerald E. Haegele County of Wake	of Rale and St	igh ate of North Carolina	
have invented certain improvements in				
MANAGING DIRECTORY LISTINGS IN A RELATIONAL DATABASE				
and executed a United States patent application therefor on the following date(s):				
(1)				
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter IBM), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;				
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby acknowledge my prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filling of the United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on the invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.				
Signed and sealed:				
	LOCATION	DATE	SIGNATURE	
(1)	Raleigh	6-15-98	Gerald E. Haegele	

Page 1 of 1

PATENT REEL: 9347 FRAME: 0210

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Gerald HAEGELE

Serial No. 09/079,698

Examiner:

Filed: May 15, 1998

Group Art Unit: 2744

For: MANAGING DIRECTORY LISTINGS IN A RELATIONAL DATABASE

#### TRANSMITTAL

Box Assignment Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Please find enclosed for filing:

- X Assignment for recording Please return recorded Assignment to the undersigned. (Fee \$40.00).
- X Check in the amount of \$40.00 for assignment recordal
- X Please charge any deficiencies or credit any overpayment to Deposit Account No. 17-0055.

Respectfully submitted,

X Other: Postcard

QBWPB\135111.1

Harvey D. Fried
Registration No. 28,298
Quarles & Brady
222 Lakeview Avenue, 4th Floor
Post Office Box 3188
West Palm Beach, Florida 33402-3188
Docket No: 6169-60

Certificate of Mailing Under 37 CFR 1.8(a)
I hereby certify that this correspondence is being deposited with the United
States Postal Service as first class mail in an envelope addressed to
Assistant Commissioner for Patents, Washington, D.C. 20231, on: 1494

PATENT REEL: 9347 FRAME: 0211

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Gerald HAEGELE

Serial No. 09/079,698

Examiner:

Filed: May 15, 1998 Group Art Unit: 2744

For: MANAGING DIRECTORY LISTINGS IN A RELATIONAL DATABASE

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- X\_ Other: Postcard

RECORDED: 07/29/1998

	Respectfully submitted,
Date: July 27,1995	MANAY MA
	Harvey D. Fried
. f	Registration No. 28,298
	Quarles & Brady
	222 Lakeview Avenue, 4th Floor
	Post Office Box 3188
	West Palm Beach, Florida 33402-3188
Docket No: 6169-60	Telephone: (561) 653-5000
**************************************	**************************************
-	spondence is being deposited with the United
States Postal Service as fixst c	lass mail in an envelope addressed to
Assistant Commissioner for Paten	ts Washington, D.C. 20231, on: J. 27 199
Signature:	Date: July 27,194
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**PATENT** REEL: 9347 FRAME: 0212