05/09/00

FORM PTO-1595	U.S. DEPARTMENT OF COMMERCE
(Rev. 6-93) RECORDATION FO	RM COVER SHEET Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94) 05-24-2	0000
Tab settings ⇔ ⇔ ♥	W V V V V V V V V V V V V V V V V V V V
Please 101365919 ; or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Vibhu O. Mittal	Name: <u>Justsystem Pittsburgh Research Center, Inc.</u>
	Internal Address:
Additional name(s) of conveying party(ies) attached? 🗆 Yes 🛛 No	
3. Nature of conveyance:	Street Address: 4616 Henry Street
⊠ Assignment □ Merger	City: Pittsburgh
□ Security Agreement □ Change of Name	State: <u>PA</u> ZIP: 15213
Other	
Execution Date: May 8, 2000	Additional name(s) & address(es) attached? □ Yes ❷ 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: May 8, 2000	
A. Patent Application No.(s)	B. Patent No. (s) 09/56767
Additional numbers attached? □ Yes ② No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: <u>Richard L. Byrne</u>	
Internal Address: Webb Ziesenheim Bruening	7. Total fee (37 CFR 3.41)\$ 40.00
Loqsdon Orkin & Hanson, P.C.	■ Enclosed
Street Address: 700 Koppers Building	□ Authorized to be charged to deposit account
436 Seventh Avenue	8. Deposit account number:
City: Pittsburgh State: PA ZIP: 15219-1818	a. Deposit account number:
crey. Ittebburgh Seate. III Bir. ISBIS 1010	(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.	
Richard L. Byrne Name of Person Signing Registration No. 28,498 May 9, 2000 Date	
Total number of pages including cover sheet, attachments and document	

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, U.S. Patent and Trademark Office
Office of Public Records, Crystal Gateway 4, Room 335
Washington, D.C. 20231

05/23/2000 J9HABAZZ 00000196 09567697

01 FC:581

40.00 DP

PATENT REEL: 010797 FRAME: 0760

ASSIGNMENT

WHEREAS, I, Vibhu O. Mittal, residing in Pittsburgh, County of Allegheny, Commonwealth of Pennsylvania, together with Michael J. Witbrock and Mark Kantrowitz, have invented certain new and useful improvements in "Method and Apparatus for Rapidly Producing Document Summaries and Document Browsing Aids" for which I have this day executed an application for United States Letters Patent;

AND, WHEREAS, Justsystem Pittsburgh Research Center, Inc., a corporation of Delaware, having a place of business at 4616 Henry Street, Pittsburgh, Pennsylvania 15213 hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I do hereby assign, sell, transfer, and set over unto said assignee my entire right, title and interest in and to said application 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 me had this assignment not been made.

The Assistant Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. I covenant that I am a lawful joint owner of the said application, 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 I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, 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 my heirs, executors, administrators, and/or assigns, and shall inure to the benefit

PATENT REEL: 010797 FRAME: 0761 of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

EXECUTED MAY 8, 2000

COMMONWEALTH OF PENNSYLVANIA :

SS:

COUNTY OF ALLEGHENY

Before me, a Notary Public in and for the said County and Commonwealth personally appeared Vibhu O. Mittal, who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this $\frac{8^{\#}}{}$ day of $\frac{MAY}{}$. Notary Pyplic & Million

[NOTARIAL SEAL]

NOTARIAL SEAL NANCY L. MILLER, Notary Public City of Pittsburgh, Allegheny County My Commission Expires April 17, 2003

TOTAL P.05

PATENT REEL: 010797 FRAME: 0762

RECORDED: 05/09/2000