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PATENT

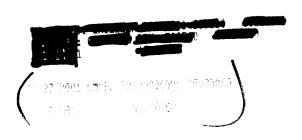
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RECORDATION FORM COVER SHEET - PATENTS

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy thereof: 1. Name of conveying party(ies): **Execution Date:** Frank TIP March 22, 2001 Jens PALSBERG March 28, 2001 2. Name and address of receiving party: INTERNATIONAL BUSINESS MACHINES CORPORATION 09823060 New Orchard Road Armonk, New York 10504 Additional name(s) & address(es) attached? XX No 3. Nature of conveyance: Assignment 4. Application or patent number(s): If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. March 22, 2001 B. Patent No.(s): A. Patent Application No.(s): 6. Total number of applications and patents 5. Name and address of party to whom involved: _1_ correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$ 40.00 Jon A. Gibbons The Commissioner is hereby authorized to charge this FLEIT, KAIN, GIBBONS, GUTMAN & BONGINI, P.L. fee and any additional fees to deposit account no. 50-One Boca Commerce Center 551 Northwest 77th Street, Suite 111 <u>0510.</u> Boca Raton, Florida 33487 DO NOT USE THIS SPACE 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. March 30, 2001 Date Jon A. Gibbons

Total number of pages including cover sheet, attachments and document: _3

Mail document(s) to be recorded with required cover sheet information to:



Name of Person Signing

Commissioner of Patents and Trademarks Box Assignments Washington, D. C. 20231

> PATENT REEL: 011727 FRAME: 0526

ASSIGNMENT

Whereas, we,

- (1)* Frank TIP of Mount Kisco, County of Westchester and State of New York
- (2)* Jens PALSBERG of West Lafayette, County of Tippecanoe and State of Indiana

have invented certain improvements in

SCALABLE PROPAGATION-BASED METHODS FOR CALL GRAPH CONSTRUCTION

and	executed	l a Un	ited States p	atent applicati	ion therefor on the following date(s):
(1)*	3	122	12001		(2)*

and

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called 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, we, the above named, hereby acknowledge our 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 filing of the United States application, and we 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 we hereby agree that IBM may apply for foreign Letters Patent on the invention and we 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:	*PLEASE CHECK OR FILL IN ALL SECTIONS WITH AN ASTER DATE SIGNATURE		
(county you are in when signing this document) (1)* Westchester	3/22/2001	Frank TIP	
(2)*		Jens PALSBERG	

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Docket No. YOR920000639US1

PATENT REEL: 011727 FRAME: 0527

EXPRESS MAIL LABEL NO. EL746147077US

PATENT

ASSIGNMENT

Wher	eas,	we
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(1)* Frank TIP of Mount Kisco, County of Westchester and State of New York

	County of Westernester and	Othe Office Tolk	
(2)*	Jens PALSBERG of West County of Tippecanoe and		·
have i	nvented certain improvement	s in	
	SCALABLE PROPAG	GATION-BASED METHO	DS FOR CALL GRAPH CONSTRUCTION
and ex	ecuted a United States pater	nt application therefor on t	the following date(s):
(1)*		(2)* MA	R 28,2001
and			·
of hugi	ness at Armonk, New York 1	0504, (hereinafter called I	RPORATION, a corporation of New York, having a place IBM), desires to acquire the entire right, title and interest foreign patents to be obtained therefor;
acknow entire countri Comm	vledge our prior existing oblig right, title and interest in the es, and all rights of priority issioner of Patents to issue a ssors and assigns; and we he ecute all papers necessary in	eation and hereby sell, asset application and invention resulting from the filing any Letters Patent granted	of is hereby acknowledged, we, the above named, hereby sign, and transfer to IBM, its successors and assigns, the on therein disclosed for the United States and foreign of the United States application, and we request the Lupon the invention set forth in the application to IBM, its rapply for foreign Letters Patent on the invention and we ad States and foreign applications when called upon to do
Signe	d and sealed:	* or our old	OR FILL IN ALL SECTIONS WITH AN ASTERISK
	LOCATION unty you are in when gning this document)	<u>DATE</u>	SIGNATURE
(1)* (2)*	COUNTY OF TIPPECANOE AND STATE OF INDIANA	MAR 28,2001	Frank TIP ens Palabera Jens PALSBERG
	_		

Docket No. YOR920000639US1

RECORDED: 03/30/2001

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PATENT REEL: 011727 FRAME: 0528