Form PTO-1595 1-3-92	03-25-2	003 R	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commission 1023982		shed origin	nal documents or copy thereof.
Name of conveying party(ies):	Execution Date	2. Name and address of rece	eiving party(ies):
Michael E. Factor Shachar Fienblit Olympia Gluck Joseph Smith Hyde, II Thomas Charles Jarvis William Frank Micka Gail Andrea Spear Martin Jacob Tross Aviad Zlotnick Additional name(s) of conveying party(1. February 4, 2003 2. February 2, 2003 3. February 2, 2003 4. February 12, 2003 5. February 11, 2003 6. February 11, 2003 7. February 11, 2003 8. February 4, 2003 9. February 2, 2003 3. 11. 53 ies) attached? □ Yes ⊠ No	International Business Mac Armonk, New York 10504 Additional name(s) & address	30.00 U
3. Nature of conveyance:			
,	Merger hange of Name	,	
4. Application number(s) or patent nur	nber(s):	1,538	6985
If this document is being filed togeth	ner with a new application, the execution		
A. Patent Application No.(s):		B. Patent No.(s):	
	Additional numbers a	tached? □ Yes ⊠ No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: [1]	
Janaki K. Davda KONRAD RAYNES VICTOR & MANN LLP 315 S. Beverly Drive, Suite 210 Beverly Hills, CA 90212		⊠ Enclosed □ Authorized to be char	
		8. Deposit account number	
03/P5/2003 LMIFLLER 00000054 1036	KORK	(Attach duplicate copy	of this page if paying by deposit account)
AL FOLANCE	AO OO OO	THIS SPACE	
Statement and signature.			
To the best of my knowledge an Janaki K. Davda Name of Person Signing	d belief, the foregoing is true and corn Signature Total	K. Dada	March 11, 2003 Date Dever sheet, attachments and document: [4]
OMB No. 0651-0011 (exp. 4/94)			
Mail documents to be recorded with Public burden reporting for including time for review Send comments regarding	required cover sheet information to: Commissioner of Pa Box As Washington or this sample cover sheet is estimated ing the document and gathering the da this burden estimate to the U.S. Patel 20231, and to the Office of Manager	a needed, and completing and tand Trademark Office, Off	d reviewing the sample cover sheet. The of Information Systems, PK2-
			DATENT

PATENT REEL: 013864 FRAME: 0583

Docket: IL920020006US1

0018.0119

ASSIGNMENT

Whereas, we

INVENTOR AND CITY

(1) Michael E. Factor

County of

(2) Shachar Fienblit

County of

(3) Olympia Gluck

County of

(4) Joseph Smith Hyde, II

County of Pima

(5) Thomas Charles Jarvis

County of Pima

(6) William Frank Micka

County of Pima

(7) Gail Andrea Spear

County' of Pima

(8) Martin Jacob Tross

County of

(9) Aviad Zlotnick

County of

of Haifa

and Country of ISRAEL

of Ein Ayala

and Country of ISRAEL

of Haifa

and Country of ISRAEL

of Tucson

and State of Arizona

of Haifa

and Country of ISRAEL

of D.N.G.T.

and Country of ISRAEL

have invented certain improvement in

TITLE

METHOD, SYSTEM, AND PROGRAM FOR IMPROVED THROUGHPUT IN REMOTE MIRRORING

SYSTEMS

Docket: IL920020006US1 0018.0119

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefore on

(1) Feb. 4, 2003, (2) 2003, (3) 62/02/2003, (4) Feb. 12, 2003, (5) FEB. 11, 2003, (6) Feb. 11, 2003, (7) Feb. 11, 2003, (8) 2003, (9) 3, 2003, (9) 3, 2003, (10) 4,

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 said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said 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

CITY DATE	on Feb 4 , 2003,	Michael E. Factor	SIGNATURE INVENTOR
CITY	(2) at HAIFA, I SRAFL	Shachar Fienblit	SIGNATURE
DATE	on 02102, 2003,		INVENTOR
CITY DATE	(3) at HMFH, ISUNEL on <u>C2 C2</u> , 2003,	Olympia Oljuck	SIGNATURE INVENTOR
CITY DATE	(4) at	Joseph Smith Hyde, II	SIGNATURE INVENTOR
CITY	(5) at TUCSON	Marras Charles James Thomas Charles Jarvis	SIGNATURE
DATE	on FEB 11, 2003,		INVENTOR
CITY	(6) at <u>Jucson</u>	William Frank Micka	SIGNATURE
DATE	on <u>Feb. 11</u> , 2003,		INVENTOR
CITY	(7) at <u>TUCSU</u>	Gail Andrea Spear	SIGNATURE
DATE	on <u>Feb 11</u> , 2003,		— INVENTOR

Page 2 of 3

CITY

(8) at Haifa, Ismel

On Feb. 2nd '03, 2003, Aviad Zlotnick

Docket: IL920020006US1

0018.0119

SIGNATURE

INVENTOR

SIGNATURE

INVENTOR

Page 3 of 3

RECORDED: 03/11/2003