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To the Honorable Commissioner of P.

1 document or copy thereof.

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1) Robert Frederic Kern,	1) November 30, 2005
2) Gail Andrea Spear,	2) November 30, 2005
3) David B. Petersen, and	3) December 12, 2005
4) Gregory Edward McBride	4) December 1, 2005

2. Name and address of receiving party(ies):
International Business Machines Corporation
Armonk, New York 10504

Additional name(s) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
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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: _____

A. Patent Application No.(s): 11/302,348, filed December 13, 2005

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

David W. Victor
KONRAD RAYNES & VICTOR, LLP
315 S. Beverly Drive, Suite 210
Beverly Hills, CA 90212

Return facsimile number: 310-556-7984

Telephone number: 310-556-7983

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41).....\$ 40

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9. Statement and signature.

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David W. Victor
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Signature

February 22, 2006
Date

Total number of pages including cover sheet (+ copy) and executed assignment: [4]

OMB No. 0651-0011 (exp. 4/94)

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I hereby certify that this correspondence is being transmitted by facsimile to Assignment Recordation Services of the U.S. Patent and Trademark Office at 571-273-3250, or being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box Alexandria, VA 22313-1450 on February 22, 2006.

Patricia McLaughlin

2/22/06
Date

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Patent Docket: TUC920050094US1»

ASSIGNMENT

Whereas, we

- (1) Robert Frederic Kern of Otter Rock, State of Oregon, and County of Lincoln
- (2) Gail Andrea Spear of Tucson, State of Arizona, and County of Pima
- (3) David B. Petersen of Great Falls, State of Virginia, and County of Fairfax
- (4) Gregory Edward McBride of Vail, State of Arizona, and County of Pima

have invented certain improvements in:

MANAGING FAILURES IN MIRRORED SYSTEMS

and executed, respectively, a United States patent application therefore on:

(1) 11/30/, 2005, (2) _____, 2005, (3) _____, 2005 and (4) _____, 2005

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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 CORPORATION, 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 CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY	(1) at <u>OTTER ROCK OR</u>	<u>Robert Frederic Kern</u>	SIGNATURE
DATE	on <u>11/30/</u> , 2005	Robert Frederic Kern	INVENTOR
CITY	(2) at _____	_____	SIGNATURE
DATE	on _____, 2005	Gail Andrea Spear	INVENTOR
CITY	(3) at _____	_____	SIGNATURE
DATE	on _____, 2005	David B. Petersen	INVENTOR
CITY	(4) at _____	_____	SIGNATURE
DATE	on _____, 2005	Gregory Edward McBride	INVENTOR

Patent Docket: TUC920050094US1»

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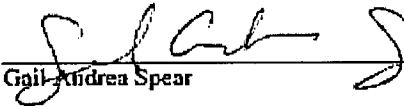
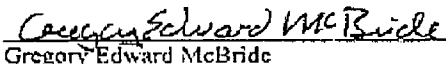
and executed, respectively, a United States patent application therefore on:

- (1) _____, 2005, (2) 11-30, 2005, (3) _____, 2005 and (4) 1 Dec, 2005

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Signed and sealed

CITY	(1) at _____	_____	SIGNATURE
DATE	on _____, 2005	Robert Frederic Kern	INVENTOR
CITY	(2) at <u>Tucson</u>		SIGNATURE
DATE	on <u>11-30</u> , 2005	Gail Andrea Spear	INVENTOR
CITY	(3) at _____	_____	SIGNATURE
DATE	on _____, 2005	David B. Petersen	INVENTOR
CITY	(4) at <u>Tucson</u>		SIGNATURE
DATE	on <u>1 Dec</u> , 2005	Gregory Edward McBride	INVENTOR

Patent Docket: TUC920050094US1»

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DATE	on _____, 2005	Robert Frederic Kern	INVENTOR
CITY	(2) at _____	_____	SIGNATURE
DATE	on _____, 2005	Gail Andrea Spear	INVENTOR
CITY	(3) at <u>Poughkeepsie, NY</u>	<u>David B. Petersen</u>	SIGNATURE
DATE	on <u>Dec 12,</u> , 2005	David B. Petersen	INVENTOR
CITY	(4) at _____	_____	SIGNATURE
DATE	on _____, 2005	Gregory Edward McBride	INVENTOR