Patent and Indements Off RECORDATION F PATE: To the Honorable Corponisationer of Patents and Trademarks. Please record the attached original JoSeph 19488 1. Name of conveying party(ies): Frederic Louis Chistian Gabriel Vecoven Sun Microsystems Luxembourg SaRt. Sine Microsystems Luxembourg SaRt. Sine Microsystems Luxembourg SaRt. Sine Additional name(s) of conveying party(ies) attached? Yes No Additional name(s) of conveying party(ies) attached? Yes No Additional name(s) of conveying party(ies) attached? Yes No Additional name(s) & address(e) attached? Yes No Additional number(s) or patent number(s): If this decornent is being filed together with a new application, the execution date of this application is: A Patent Application No(s) Department of the patent No(s) Department No(s)	FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE	
1. Name of conveying party(ies): Frederic Louis Ghislain Gabriel Vecoven Sun Microsystems Luxembourg SaRI. Street Address: 4150 Network Cirols City Sunta Clara State CA ZIP 95054 Additional name(s) & address(es) attached? Yes No 3. Nature of Conveyance: April 16, 2003 4. Application number(s) or patent number(s) If this document is being filed together with a new application, the execution date of this application is: B. Patent Application No(s) 10/417,811 filed April 17, 2003 Additional numbers attached? Yes No 5. Name and address of party (ies): Name: Sun Microsystems Lix. Street Address: 4150 Network Cirols City Sunta Clara State CA ZIP 95054 Additional name(s) & address(es) attached? Yes No B. Patent No.(s) 10/417,811 filed April 17, 2003 Additional numbers attached? Supplication is: B. Patent Application No.(s) 5. Name and address of party (ies): Name: Sun Microsystems Lix. B. Note Kirolin April 17, 2003 Additional name(s) & address(es) attached? Yes No Additional name(s) & address of party (ies): None and address of party (ies): None and address of party (ies): Additional name(s) & address(es) attached? Yes No Additional name(s) & address of party (ies): None and address of party (ies): None and address of party (ies): Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No Additional name(s) & address(es) attached? Yes No Additional name(s) & address of party (ies): None and address of part	1-31-92 Patent and Trademark Of RECORDATION	C. C
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Sun Microsystems Luxembourg SaRL Street Address: 4150 Network Circle City Santa Clara State _CA _ ZIP95054 Additional name(s) of conveyance: Additional name(s) & address(es) attached?	Name of conveying party(ies):	2. Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached?	Frederic Louis Ghislain Gabriel Vecoven	Name: Sun Microsystems, Inc.
Additional name(s) & address(es) attached?	Sun Microsystems Luxembourg SaRL	Street Address: 4150 Network Circle
Additional name(s) of conveyance: Assignment		City Santa Clara State CA ZIP 95054
Assignment Merger Security Agreement Security Agreement Charge of Name Other Execution Date: April 16, 2993 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of this application is: A. Patent Application No(s) B. Patent No.(s) 10/417,811 filed April 17, 2003 Additional numbers attached? Yes No Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: B. Noel Kivlin State TX ZIP 78767-0398 7. Total fee (37 CFR 3.41): \$40.00 40.	Additional name(s) of conveying party(ies) attached? Yes No	Additional name(s) & address(es) attached? Yes No
Merger Security Agreement Change of Name Other Execution Date: April 16, 2003	3. Nature of Conveyance:	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of this application is: A. Patent Application No.(s) B. Patent No.(s) 10/417,811 filed April 17, 2003 Additional numbers attached?	Merger Security Agreement Change of Name Other	
Concerning document should be mailed: Name: B. Noel Kivlin Internal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 7. Total fee (37 CFR 3.41): \$ 40.00	If this document is being filed together with a new application, the execution A. Patent Application No.(s) B. P. 10/417,811 filed April 17, 2003	date of this application is: atent No.(s) ached? Yes No
Name: B. Noël Kivlin Internal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Street Address: P.O. Box 398 City Austin State TX ZIP 78767-0398 7. Total fee (37 CFR 3.41):	5. Name and address of party to whom correspondence	6. Total number of applications and patents involved
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CityAustin _ StateTXZIP 78767-0398 7. Total fee (37 CFR 3.41):		2
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D. 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. B. Noël Kivlin Name of Person Signing Reg. No. 33,929 Total number of pages:	nternal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Street Address: P.O. Box 398	☐ Fee Authorization Form Enclosed
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This Agreement is made between:

Frederick Louis Ghislain Gabriel Vecoven, a Belgian Citizen residing at 153 rue de la Belle Jardiniere, B-4031 Angleur, Belgium (Hereinafter referred to as "Undersigned Inventor"); and

Sun Microsystems Luxembourg SaRL, Societie a responsabilite limite unipersonnelle, a company organised under the laws of Luxembourg, having a place of business at 77-79 Parc d'Activities Capellen, L-8308 Capellen, Luxembourg (Hereinafter referred to as SUN SaRL); and

Sun Microsystems Inc., a corporation of Delaware, United States of America, having a place of business at 4150 Network Circle, Santa Clara, California 95054, United States of America, (Hereinafter referred to as SUN Inc).

WHEREAS:

- A The or each Undersigned Inventor has been employed by Sun SaRL; and
- B In the course of this employment, the or each Undersigned Inventor has made an invention (The Invention) as described in the draft patent specification (US 10/417,811) entitled "Error Management" (Sun Ref: P9555) either alone or jointly with other person(s) as listed in the attached Schedule; and
- C The or each Undersigned Inventor believes that he/she made or contributed to the Invention and that the Invention, as between him/her and Sun SaRL, belongs to Sun SaRL; and
- D SUN SaRL and SUN Inc desire that all intellectual property relating to the Invention shall be owned by SUN Inc;

NOW THIS AGREEMENT WITNESSETH as follows:-

- 1. Insofar as any rights in the Invention vest with the Undersigned Inventor(s), in consideration of the sum of £1 (one pound Sterling) paid by SUN Inc to the or each Undersigned Inventor, the receipt of which is hereby acknowledged, the or each Undersigned Inventor hereby assigns with full title guarantee any rights, title and interest he/she may have in and to the Invention to SUN Inc to hold absolutely for the benefit of SUN Inc, its successors or assigns including the right to apply for and be granted patents or any other form of protection in respect of any country or territory in the world and including the right to claim priority from any such application.
- 2. Insofar as any rights in the Invention vest with SUN SaRL, in consideration of the sum of £1 (one pound Sterling) paid by SUN Inc to SUN SaRL, the receipt of which is hereby acknowledged, SUN SaRL hereby assigns with full title guarantee all rights, title and interest in and to the Invention to SUN Inc to hold absolutely for the benefit of SUN Inc, its successors to assigns including the right to apply for and be granted patents or any other form of protection in respect of any country or territory in the world and including the right to claim priority from any such application.

- 3. The or each Undersigned Inventor hereby undertakes that he/she shall, without further consideration, but at the expense of SUN Inc or SUN SaRL execute all documents and do all such acts and things as SUN Inc or SUN SaRL may in their absolute discretion consider necessary or desirable to enable Letters Patent or any other form of protection to be issued in respect of the Invention in any part of the world and to vest the same in the name of SUN Inc free from all encumbrances and to enable or to assist SUN Inc to defend oppositions thereto, to maintain the same when granted and to prosecute for the infringement thereof.
- 4. The or each Undersigned Inventor hereby warrants to SUN Inc:
- (a) That he/she has not assigned or agreed to assign to any person firm or company not a Party hereto or otherwise encumbered the Invention or any other part of the rights therein and thereto;
- (b) That he/she has not disclosed and will not disclose the Invention to any person firm or company other than SUN SaRL or SUN Inc except as directed by SUN SaRL or SUN Inc;
- (c) That he/she will give to SUN SaRL or SUN Inc all information in his/her possession or in their power relating to the Invention and the method of employing or using the same as SUN SaRL or SUN Inc should require;
- (d) That he/she has not taken any action which would prevent a valid patent or other form of protection relating to the Invention being granted to SUN Inc or that would cause any such patent or other form of protection to be invalid.
- (e) That he/she has made SUN Inc or SUN SaRL aware of any action taken by any third party of which they are aware that would prevent a valid patent or other form of protection relating to the Invention being granted to SUN Inc or that would cause any such patent or other form of protection to be invalid.

IN WITNESS WHEREOF the parties have duly executed this document to have effect the 16th day of April 2003.

SIGNED by (Inventor)

Frederic Louis Chislain Gabriel VECOVEN

on 17/8/03 (date)

(Witness)

(Print name)

LALLOUETTE

SIGNED for and on behalf of Sun Microsystems Luxembourg SaRL

by Pierre HENIN

"Gerant"
Sun Microsystems Limited

on <u>ES/8/2003</u> (date)

SIGNED for and on behalf of Sun Microsystems, Inc

by Allowette

Witness)

Andrew C CHEN

Assistant General Counsel Sun Microsystems, Inc

on <u>Spt 10, 2003</u> (date)

PATENT REEL: 014762 FRAME: 0121

Helen Panelo (Print name)

SCHEDULE

Invention TITLE: Error Management

Sun Microsystems Reference: P9555

US Serial No: 10/417,811

INVENTORS:

Frederic Louis Ghislain Gabriel VECOVEN 153 rue de la Belle Jardiniere B-4031 Angleur Belgium

RECORDED: 12/08/2003

Sundeep R PANICKER 2515 Ridge Crest Castro Valley California 94546 United States of America