FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE	07-30-2003
Patent and Tradem RECORD Patent $\frac{7-28-3}{7-28-3}$	
To the Honorable Commissioner of Patents and Trademarks. Please record	. 102511390
. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Fintan Ryan	Name: Sun Microsystems, Inc.
John L. Ward Sun Microsystems Ireland Limited	Street Address: 4150 Network Circle
Additional name(s) of conveying party(ies) attached?	City Santa Clara State CA ZIP 95054
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance:	
Assignment	
Merger	
Security Agreement Change of Name	
Other	
Execution Date: November 1, 2002	
 Application number(s) or patent number(s): If this document is being filed together with a new application, the execut 	ion date of this application is:
A. Patent Application No.(s) B. 10/235,991	. Patent No.(s)
Additional numbers	attached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: B. Noël Kivlin	
internal Address: Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.	
Street Address: P.O. Box 398	
City <u>Austin</u> State <u>TX</u> ZIP <u>78767-0398</u>	
City Austin State TX ZIP 78767-0398	7. Total fee (37 CFR 3.41):\$40.00 ☐ Fee Authorization Form Enclosed ☒ Authorized to be charged to deposit account
City Austin State TX ZIP 78767-0398	☐ Fee Authorization Form Enclosed
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DO NOT O. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true.	Fee Authorization Form Enclosed Authorized to be charged to deposit account 8. Deposit account number: 501505/5681-39600/BNK (Attach a duplicate copy of this page if paying by deposit account) TUSE THIS SPACE
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DO NOT O. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true B. Noël Kivlin	Fee Authorization Form Enclosed Authorized to be charged to deposit account 8. Deposit account number: 501505/5681-39600/BNK (Attach a duplicate copy of this page if paying by deposit account) TUSE THIS SPACE e and correct and any attached copy is a true copy of the original document. 1-22-03
DO NOT O. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true B. Noël Kivlin Name of Person Signing Signature	Fee Authorization Form Enclosed Authorized to be charged to deposit account 8. Deposit account number: 501505/5681-39600/BNK (Attach a duplicate copy of this page if paying by deposit account) FUSE THIS SPACE e and correct and any attached copy is a true copy of the original document. 1-22-03 Date

PATENT REEL: 014318 FRAME: 0844 <u>ACKNOWLEDGEMENT</u> by an Employee of the Right to apply for a Patent and <u>AN ASSIGNMENT</u> to have effect on the **FIRST DAY OF NOVEMBER 2002** BETWEEN

FINTAN RYAN, of IRISH nationality, of 85 CLONLIFFE ROAD, DRUMCONDRA, DUBLIN 3, IRELAND (hereinafter referred to as "Inventor") of the first part;

JOHN L. WARD, of IRISH nationality, of 28 DUNDELA HAVEN, SANDYCOVE, CO. DUBLIN, IRELAND (hereinafter referred to as "Inventor") of the second part;

SUN MICROSYSTEMS IRELAND LIMITED, an IRISH company, having a place of business at BOOLE HOUSE, EAST POINT BUSINESS PARK, DUBLIN 3, IRELAND (hereinafter referred to as "Employer Company") of the third part; AND

SUN MICROSYSTEMS, INC., a corporation of Delaware, United States of America, having a place of business 4150 NETWORK CIRCLE, SANTA CLARA CALIFORNIA 95054, UNITED STATES OF AMERICA (hereinafter referred to as "Parent Company") of the fourth part.

WHEREAS:-

- (A) The Inventors claim to have made the Invention described in the Schedule (hereinafter referred to as "the Invention");
- (B) The Invention has been made by the Inventors during the periods of their employment with the Employer Company and in the course of their normal duties with the Employer Company and by virtue of the terms of their employment with the Employer Company, the Invention is to be taken as between the Employer Company and the Inventors to belong to the Employer Company;
- (C) The Employer Company agrees to assign the Invention and the right to apply for a patent or patents relating to the said Invention to the Parent Company together with all rights title and beneficial interest in and arising therefrom.

NOW THIS AGREEMENT WITNESSES as follows:-

- 1. The Inventors HEREBY ACKNOWLEDGE that the Invention and all rights therein including the right to apply for a patent or patents relating to the Invention belongs to the Employer Company, and in consideration thereof and pursuant thereto HEREBY ASSIGNS TO AND CONFIRMS the vesting in the Employer Company of:
- (a) the whole of the property in the Invention throughout the world and any protection obtained at any time therefor and all rights title and interest which the Inventor may have or have been entitled to therein including all rights to bring proceedings for infringement thereof together with the full and exclusive benefit thereof; and
- (b) the right to apply for and obtain or to enable others to apply for and obtain a patent or patents or any other form of protection in respect of the Invention both in the United States of America and throughout the world.
- 2. In pursuance of the agreement referred to in Recital (C) and IN CONSIDERATION of the sum of FIVE US DOLLARS, receipt of which is hereby confirmed, the Employer Company hereby assigns to the Parent Company all its rights in the Invention including the right to apply for a patent or patents and to exploit the Invention or any patent or other protection obtained in respect thereof TO HOLD the same unto the Parent Company absolutely.
- 3. The Inventors hereby undertake to the Parent Company that they will at the expense of the Parent Company execute all documents and do all such acts and things as the Parent Company may in its absolute discretion consider necessary or desirable to enable Letters Patent or any form of protection to be issued in respect of the Invention in any part or parts of the world and to vest the same in the name of the Parent Company or its nominee free from all encumbrances and to enable or to assist the Parent Company or its nominee to defend oppositions to grant thereof, to maintain the same when granted and to present and prosecute for the infringement thereof.
- 4. The Inventors hereby warrant to the Employer Company and to the Parent Company:

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- (a) that they have not assigned or agreed to assign to any person firm or company or otherwise encumbered the Invention or any other part of the rights therein and thereto;
- (b) that they have not disclosed and will not disclose the Invention to any person firm or company other than the Employer Company or the Parent Company except as directed by the Employer Company or the Parent Company;
- (c) that they will give to the Employer Company or the Parent Company all information in their possession or in their power relating to the Invention and the method of employing or using the same as the Employer Company or the Parent Company shall require;
- (d) that they know of no reason why a valid patent or valid patents relating to the Invention should not be granted either to themselves or to their successors in title.

<u>IN WITNESS</u> thereof the parties have duly executed this document to have effect the day and year first above written

SCHEDULE

The invention is as described in the draft specification entitled "XML BASED IMAGE VERIFICATION TOOL" (SUN REF: P6200).

SIGNED by the Inventor:

Witness

FINTAN RYAN

SIGNED by the Inventor:

Witness

The Word

Late By ...

JOHN L. WARD

SIGNED for and on behalf of

SUN MICROSYSTEMS IRELAND LIMITED:

Witness

MARK CURTIS

(SOLICITOR AND COMPANY SECRETARY) SUN MICROSYSTEMS IRELAND LIMITED

RECORDED: 07/28/2003

<u>SIGNED</u> for and on behalf of SUN MICROSYSTEMS, INC:

Witness

ALEXANDER E. SILVERMAN

ASSISTANT GENERAL COUNSEL

SUN MICROSYSTEMS, INC

PATENT REEL: 014318 FRAME: 0846