

Form PTO-1595
(Rev. 10/02)

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Khai Peter B. Tran

2. Name and address of receiving party(ies)

Name: USA as Represented by the

Internal Address: Administrator of the National

Aeronautics and Space Administration

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

Street Address:

City: Washington State: DC Zip: 20546

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 06/04/2003

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

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) 10/232,975

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Name: NASA Ames Research Center

Internal Address: Attn: Patent Office

Street Address: Mail Stop 202A-4

City: Moffett Field State: CA Zip: 94035-1000

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

14-0116

DO NOT USE THIS SPACE

9. Signature.

John F. Schipper Regis. No. 26,994
Name of Person Signing

John F. Schipper
Signature

17 February 2004
Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

CH \$40.00 140116 10232975



National Aeronautics and Space Administration

Patent Application

Assignment to the Government and License to the Small Entity Contractor

Contractor/Grantee: QSS Group, Incorporated
Incorporated Under the Laws of:
Address: 4500 Forbes Boulevard, Suite 200
Lanham, Maryland 20706

WHEREAS the above named Contractor/Grantee (Hereinafter the Contractor), having elected not to retain title, or hereby elects not to retain title, under the provisions of 35 U.S.C. 202 to a SUBJECT INVENTION made in the performance of work under a contract/grant (Hereinafter a contract) between the Contractor and the Government of the United States of America (Hereinafter the Government), the SUBJECT INVENTION and contract being identified as:

Title of Invention: Extensible Database Framework For Management of Unstructured and Semi-Structured Documents

Inventors:

- 1. Yuri O. Gawdiak Employer NASA Ames Research Center
2. Tracy T. La Employer Computer Science Corporation
3. Shu-Chun Y. Lin Employer NASA Ames Research Center
4. David A. Maluf Employer Universities Space Research Association
5. Khai Peter B. Tran Employer QSS Group, Incorporated

This assignment is applicable to INVENTORS (Check appropriate),

- (1), (2), (3), (4), (5)

Contract No. NAS2-00065
NASA Case No. ARC-14662-1 Contractor Case No.
Application Executed on 12/19/2002 Application Serial No. 10/232,975

Contractor is a (Check one):

- Small Business
College or University
Nonprofit Organization

Assignment to the Government

WHEREAS, the Government as represented by the Administrator of the National Aeronautics and Space Administration (NASA), is desirous of acquiring an assignment of the SUBJECT INVENTION identified above and disclosed in said application and other rights and benefits herein granted;

Assignment to the Government (continued)

NOW THEREFORE, in consideration of the contract and other benefits attributable to the contractual relationship, the Contractor hereby assigns and transfers to the Government the full and exclusive right in and to said SUBJECT INVENTION within the United States of America, its territories and possession, and the entire right, title, and interest in and to said patent application, and any applications continuing therefrom and such Letters Patent as may issue therefrom.

The Contractor also grants to the Government, an assignment of the foreign rights in and to the said invention including rights of priority under the International Convention of Paris (1883), as amended.

The Contractor hereby covenants that it has the right to grant the foregoing assignments.

The Contractor further agrees to make, execute and/or deliver to the Government, upon request, but at the expense of the Government, any and all data, drawings, notes, reports, information, papers, documents, affidavits, statements, or other items necessary in the prosecution of said application and of any applications continuing therefrom or applications for reissue or reexamination of said Letters Patent, or of any foreign patent application or any application continuing therefrom, and to assist the Government in every way in protecting said invention as may be requested, provided that any expense arising through such assistance will be paid by the Government.

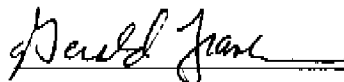
License to the Contractor

FURTHER, the Contractor hereby retains, pursuant to the Federal Acquisition Regulation clause 52.227-11 entitled "Patent Rights - Retention by the Contractor (Short Form)," a revocable, nonexclusive, royalty-free license throughout the world in the SUBJECT INVENTION in each patent application filed in any country on the invention and in any resulting patent in which the Government acquires title. The license extends to the Contractor's domestic subsidiaries and affiliates, if any, within the corporate structure of which the Contractor is a part and includes the right to grant sublicenses of the same scope to the extent the Contractor was legally obligated to do so at the time the contract was awarded. The license is transferable only with the approval of the National Aeronautics and Space Administration except when transferred to the successor of the part of the Contractor's business to which the invention pertains. The Contractor's domestic license may be revoked or modified by the National Aeronautics and Space Administration to the extent necessary to achieve the expeditious practical application of the SUBJECT INVENTION pursuant to an application for an exclusive license submitted in accordance with the Department of Commerce Patent Licensing Regulations. This license will not be revoked in that field of use or the geographical areas in which the Contractor has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of the National Aeronautics and Space Administration to the extent the Contractor, its licensees, or its domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country. Before revocation or modification of the license, the National Aeronautics and Space Administration will furnish the Contractor a written notice of its intention to revoke or modify the license, and the Contractor will be allowed 30 days (or such other time as may be authorized by the National Aeronautics and Space Administration for good cause shown by the Contractor) after the notice to show cause why the license should not be revoked or modified. The Contractor has the right to appeal, in accordance with the procedures set forth in the Department of Commerce Patent Licensing Regulations, from any decision concerning the revocation or modification of its license.

The Contractor hereby executes this instrument by its legally authorized representative on

June 4, 2003

Name Gerald Franks

Signature 

Title Deputy Program Manager

(Corporate Office)

(Copy of PTO/SB/97) (08-00)

ARC-14662-1

In re application of: Yuri O. Gawdiak, et al.

Serial No: 10/232,975

Filed: August 29, 2002

For: Extensible Database Framework for Management of Unstructured and Semi-Structured Documents

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence comprising:

- Facsimile Cover Sheet (1 page)
- Certificate of Transmission (1 page)
- Recordation Form Cover Sheet (1 page, in duplicate)
- Assignment of K. P. B. Tran (2 pages)

Is being facsimile transmitted to the United States Patent and Trademark Office

on February 12, 2004
Date

Vickie L. Kent 02/12/2004
Signature

Vickie L. Kent
Typed or printed name of person signing Certificate

National Aeronautics and
Space Administration

Ames Research Center
Moffett Field, California 94035-1000



ARC-14662-1

Date: February 12, 2004

Number of pages including cover sheet: 6

TO:	Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450 Alexandria, VA 22313-1450	
OF:	USPTO	
FAX:	to (703)306-5995	PHONE:
FROM:	Vickie Kent Paralegal Specialist	
OF:	NASA Ames Research Center Mail Stop 202A-4 Moffett Field, CA 94035-1000	
FAX:	(650) 604-2767	PHONE: (650) 604-0887

Re: Patent Application Serial No: 10/232,975
Filed: August 29, 2002
For: "Extensible Database Framework for Management of Unstructured and Semi-Structured Documents"
Inventors: Yuri O. Gawdiak, Tracy T. La, Sun-Chun Y. Lin, and Khai Peter B. Tran

The following correspondence is attached:

Transmission Certificate (1 page)
 Recordation Form Cover Sheet (1 page, in duplicate)
 Assignment Khai Peter B. Tran (2 pages)

Privacy and Confidentiality

The information contained in this communication is confidential and may be legally privileged. It is intended solely for the use of the individual or entity to whom it is addressed and others authorized to receive it. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or taking of any action in reliance on the contents of this information is strictly prohibited. If you receive this communication in error, please immediately notify us collect by telephone at (650) 604-0887, and return the original document(s) at the above referenced address via the United States Postal Service.

PATENT
REEL: 014336 FRAME: 0837

Form PTO-1595 (Rev. 10/02) RECORDATION FORM COVER SHEET PATENTS ONLY U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005) Tab settings To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Khai Peter B. Tran Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies) Name: USA as Represented by the Internal Address: Administrator of the National Aeronautics and Space Administration

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: 06/04/2003

Street Address: City: Washington State: DC Zip: 20546 Additional name(s) & address(es) attached? Yes No

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) 10/232,975

B. Patent No.(s) Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: NASA Ames Research Center Internal Address: Attn: Patent Office Street Address: Mail Stop 202A-4 City: Moffett Field State: CA Zip: 94035-1000

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed Authorized to be charged to deposit account

8. Deposit account number: 14-0116

DO NOT USE THIS SPACE

9. Signature. John F. Schipper Regis. No. 26,994 Name of Person Signing Signature Date 12 February 2004

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231