

Atty. Docket No.: QOVI-002/00US
Application Serial No.: 10/721,753

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
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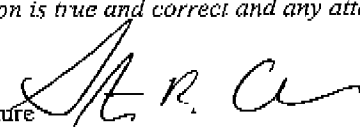
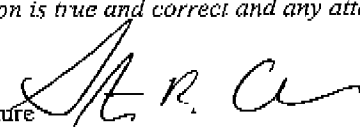
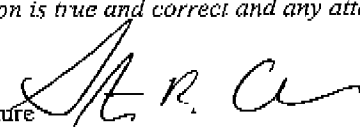
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Choon B. Shim and Richard M. Tworek Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other () Execution Date: March 25, 2004	2. Name and address of receiving party(ies) Name: Qovia, Inc. Internal Address: Street Address: 7470 New Technology Way, Ste. E City: Frederick State: MD Zip: 21703 Additional name(s) & address(es) attached? No <input checked="" type="checkbox"/> Yes <input type="checkbox"/>
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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: <table style="width: 100%;"> <tr> <td style="width: 50%;"> A. Patent Application No.(s) 10/721,753 </td> <td style="width: 50%;"> B. Patent No.(s) </td> </tr> </table>		A. Patent Application No.(s) 10/721,753	B. Patent No.(s)
A. Patent Application No.(s) 10/721,753	B. Patent No.(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Cooley Godward LLP Internal Address: Patent Group Street Address: One Freedom Square, Reston Town Center, 11951 Freedom Drive City: Reston State: VA Zip: 20190-5656	6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-1283 The Commissioner is hereby authorized to charge any appropriate fees under 37 CFR 3.41 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283. This paper is submitted in duplicate.
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9. Statement and signature. <i>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.</i> <table style="width: 100%;"> <tr> <td style="width: 40%;"> <u>Steven R. Olsen, Reg. No. 48,174</u> Name of Person Signing </td> <td style="width: 30%; text-align: center;"> Signature  </td> <td style="width: 30%; text-align: right;"> Date <u>10/20/04</u> </td> </tr> </table>		<u>Steven R. Olsen, Reg. No. 48,174</u> Name of Person Signing	Signature 	Date <u>10/20/04</u>
<u>Steven R. Olsen, Reg. No. 48,174</u> Name of Person Signing	Signature 	Date <u>10/20/04</u>		
Total number of pages including cover sheet, attachments, and documents: [4]				

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office
 P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT

**ASSIGNMENT
(Joint)**

Choon B. Shim, residing at 6153 Comittment Court, Columbia, MD 21045 and Richard M. Tworek, residing at 3856 St. Clair Court, Monrovia, MD 21770 (each referred to as "Assignor") have made an invention (the "Invention") set forth in an application for patent of the United States, entitled

**SYSTEM AND METHOD FOR REMOTE MANAGEMENT OF
COMMUNICATIONS NETWORKS**

and which:

- (1) was filed as United States Application Serial No.10/721,753 on November 26, 2003.

WHEREAS, Qovia, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 7470 New Technology Way, Suite E, Frederick, MD 21703 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefore or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention;
- (b) the application for patent identified in paragraph (1);
- (c) the right to file applications for patent of the United States or other countries on the Invention, including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application for patent of the United States or other countries claiming the Invention;
- (e) any application for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or any application for patent claiming the Invention, including any division, continuation, and continuation-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the proceeding paragraphs (b)-(e); and

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(g) any patent of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissue and extension of said patent.

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention, that the Invention are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention, said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD L.L.P. to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 3/25/04By: Choon B. Shim
Choon B. ShimState of Maryland)
SS.County of Frederick)

On March 25, 2004, before me, Ingrid C. Hause, personally appeared CHOON SHIM, personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Ingrid C. Hause
Signature of Notary Public My Commission Expires 1/27/07

Place Notary Seal Above

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Date: 3/25/04By: 
Richard M. TworekState of Maryland)

ss.

County of Frederick)

On March 25, 2004, before me, Ingrid C. Hause, personally appeared RICHARD TWOREK, personally known to me or proved to me on the basis of satisfactory evidence, to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Signature of Notary Public

My Commission expires
1/27/07

Place Notary Seal Above