

07-09-2001



101770020

U.S. Department of Commerce
Patent and Trademark Office
PATENT

678-01

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
- ☐ Resubmission (Non-Recordation)
Document ID#
- ☐ Correction of PTO Error
Reel # Frame #
- ☐ Corrective Document
Reel # Frame #

Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) QWES.com, Inc.

Execution Date
Month Day Year
06/25/2001

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) NMS Communications Corporation

Name (line 2)

Address (line 1) 100 Crossing Blvd.

Address (line 2)

Address (line 3) Framingham

City

Massachusetts, USA

State/Country

01702

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

07/05/2001 LMUELLER 00000227 09261039

01 FC:581

120.00 0P

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

PATENT
REEL: 011943 FRAME: 0392

Correspondent Name and Address

Area Code and Telephone Number (949) 760-0991

Name Babak Redjaian

Address (line 1) IRELL & MANELLA LLP

Address (line 2) 840 Newport Center Drive

Address (line 3) Suite 400

Address (line 4) Newport Beach, CA 92660

Pages

Enter the total number of pages of the attached conveyance document
including any attachments.

2

Application Number(s) or Patent Number(s)

☐

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/261,039

09/261,061

09/261,067

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was
signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

3

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 120.00

Method of Payment:

Deposit Account

Enclosed ☒Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

09-0946

Authorization to charge additional fees:

Yes

☒

No

☐

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. Charges to deposit account are authorized, as
indicated herein.

Babak Redjaian

Name of Person Signing

Babak Redjaian

Signature

June 25, 2001

Date

ASSIGNMENT

WHEREAS, QWES.com, Inc., (hereinafter referred to as "Assignor") owns the entire right, title and interest for the United States and all foreign countries, in and to all inventions and any improvements which are disclosed in the following patent applications:

<u>Title</u>	<u>Patent Application Serial No.</u>	<u>Filing Date</u>
Admission Control, Queue Management, and Shaping/Scheduling for Flows	09/261,039	March 2, 1999
Apparatus and Method for Classifying Information Received by a Communication System	09/261,061	March 2, 1999
Apparatus and Method for Providing a Binary Range Tree Search	09/261,067	March 2, 1999

AND WHEREAS, NMS Communications Corporation, having an address of 100 Crossing Blvd., Framingham MA 01702 (hereinafter, together with its successors, legal representatives or assigns thereof, referred to as "Assignee") wants to acquire the entire right, title and interest in and to said inventions and improvements;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to said inventions and improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents including related rights such as utility-model registrations, inventor's certificates, and the like heretofore or hereafter filed for said inventions and improvements in foreign countries, and all patents (including all extensions, renewals and reissues thereof) granted for said inventions and improvements in foreign countries; and does hereby authorize and request the United States Commissioner of Patents and Trademarks, said officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue all patents for said inventions and improvements to Assignee in accordance with the terms of this Assignment;

AND WE HEREBY covenant that Assignor has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that Assignor will communicate to Assignee any known facts respecting said inventions and improvements, and will testify in a legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute and reissue applications, make all rightful Oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said inventions and improvements; in all countries.

IN TESTIMONY WHEREOF, I hereunder set my hand this 25 day of June, 2001.

QWES.COM, INC.

A handwritten signature in cursive script, appearing to read "Dianne Callan", is written over a horizontal line.

Title: Secretary

Printed Name: Dianne Callan