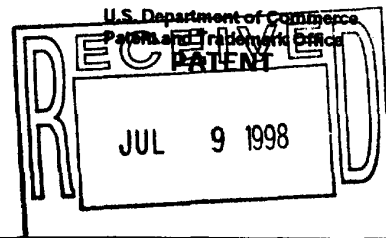


07-17-1998



100767260

RECORDATION FORM COVER SHEET  
PATENTS ONLY



MRD 7-9-98

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 Execution Date  
Month Day Year

Name (line 1) Quantum Development Corporation

07/06/98

Name (line 2)

Execution Date  
Month Day Year

Second Party

Name (line 1)

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Quantum Leap Research, Inc.

Name (line 2)

Address (line 1) 2700 Philadelphia Pike

Address (line 2)

Address (line 3) Claymont

Delaware

19703

City

State/Country

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

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet. The time 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

REEL: 9306 FRAME: 0262

**Correspondent Name and Address**

Area Code and Telephone Number (202) 942-8400

Name Scott M. Alter

Address (line 1) Hale and Dorr LLP

Address (line 2) 1455 Pennsylvania Ave., NW

Address (line 3) Washington, DC 20004

Address (line 4)

**Pages**

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

# 1

**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)

Patent Number(s)


5,195,172

5,428,712

--

--

--

--

--

--

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

PCT

PCT

PCT

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

PCT

PCT

PCT

**Number of Properties**

Enter the total number of properties involved.

# 2

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 80.00

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:

# 08-0219

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.

Scott M. Alter

Name of Person Signing

Signature

Date

*Scott M. Alter*

7/9/98

## ASSIGNMENT

**WHEREAS**, Quantum Development Corporation, a corporation duly organized under the laws of the State of Delaware, having a place of business at 2700 Philadelphia Pike, Claymont, Delaware 19703, owns the entire right, title and interest in and to the inventions described in U.S. Patent No. 5,195,172 and U.S. Patent No. 5,428,712, both entitled: System and Method for Representing and Solving Numeric and Symbolic Problems;

**WHEREAS**, Quantum Leap Research, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 2700 Philadelphia Pike, Claymont, Delaware 19703, is desirous of acquiring the entire right, title and interest in and to the aforesaid patents;

**NOW THEREFORE**, for good and valuable consideration, the receipt of which is acknowledged, Quantum Development Corporation does sell, assign, and transfer unto Quantum Leap Research, Inc. and its successors, legal representatives and assigns, the entire right, title and interest in and to the said invention as described in the said patents, and in and to any and all divisions, reissues, continuations and extensions thereof.

Quantum Development Corporation

By: Joseph B. Elad  
Joseph B. Elad (President)

July 6, 1998

\_\_\_\_\_  
(Date)