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FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

08-01-2002

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



102174495  
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- ☒ New
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Document ID#
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**Conveyance Type**

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other

**U.S. Government**

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- ☐ Departmental File ☐ Secret File

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Name (line 1) John H. Oates

Execution Date  
Month Day Year  
06052002

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) Mercury Computer Systems, Inc.

Name (line 2)

Address (line 1) 199 Riverneck Road

Address (line 2)

Address (line 3) Chelmsford

Massachusetts

01824

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.)

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Name

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**PATENT**  
**REEL: 013130 FRAME: 0238**

**Correspondent Name and Address**

Area Code and Telephone Number 617-439-2717

Name David J. Powsner

Address (line 1) Nutter, McClennen & Fish,

Address (line 2) One International Place

Address (line 3) Boston, MA 02110-2699

Address (line 4)

**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)**

10098628

**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

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.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Enclosed ☒

Deposit Account ☐

Deposit Account

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

Deposit Account Number:

# 141449

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.

David J. Powsner

Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, I, **John H. Oates**, of **59B Seaverns Bridge Road, Amherst, New Hampshire 03031**, having invented certain new and useful improvements in **IMPROVED COMPUTATIONAL METHODS FOR USE IN A SHORT-CODE SPREAD-SPECTRUM COMMUNICATIONS SYSTEM**, for which I have made application for United States Letters Patent, said application filed March 14, 2002 and accorded U.S. Serial No. 10/098,628 and

WHEREAS, **Mercury Computer Systems, Inc.**, a Massachusetts corporation, having a place of business at 199 Riverneck Road, Chelmsford, Massachusetts 01824, and its successors and assigns (collectively hereinafter called "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said applications and any Letters Patent that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledge, I do hereby sell assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive right, title and interest in and to said invention and in and to said applications and all patents which may granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments,

declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or to its successors, assigns and legal representative, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, I hereto set my hand and seal at

Chelmsford MA this 5 day of June, 2002  
(City, State) (Day) (Month) (year)

  
John H. Oates

STATE OF Massachusetts

SS.

COUNTY OF Middlesex

Before me this 5 day of June, 2002, personally appeared John H. Oates known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

  
NOTARY PUBLIC

[Notary's Seal Here]

My Commission Expires: July 29, 2005

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