

12-06-2002

FORM PTO
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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.)**Domestic Representative Name and Address**

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

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

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Fee Amount

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

Method of Payment:

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Deposit Account ☐

Deposit Account

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Yes

☒

No

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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 **WIRELESS COMMUNICATIONS SYSTEMS AND METHODS FOR LONG-CODE COMMUNICATIONS FOR REGENERATIVE MULTIPLE USER DETECTION INVOLVING IMPLICIT WAVEFORM SUBTRACTION**, for which I have made application for United States Letters Patent, said application filed March 14, 2002 and accorded U.S. Serial No. 10/099,906 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.

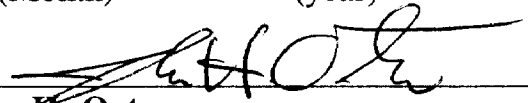
I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial 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

CHENMSFORD, 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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Oates

Serial No. 10/099,906

Filing Date: March 14, 2002

for WIRELESS COMMUNICATIONS SYSTEMS
AND METHODS FOR LONG-CODE
COMMUNICATIONS FOR REGENERATIVE
MULTIPLE USER DETECTION INVOLVING
IMPLICIT WAVEFORM SUBTRACTION

Attorney Docket: 0102323-00092

Examiner:

Art Unit: 2631

CERTIFICATE OF MAILING

The undersigned certifies that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail addressed to the Assistant Commissioner for Patents, Box: Assignments, Washington, DC 20231

Date: 11/27/02

David J. Powsner, Reg. No. 31,868

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231
BOX: ASSIGNMENTS

TRANSMITTAL LETTER

Sir:

Please find enclosed:

- (1) Assignment and Recordation Sheet;
- (2) Check in the amount of \$40.00 to cover recordation fees; and
- (3) Return postcard.

Please charge any additional fees that may be required to Deposit Account No. 141449.

Respectfully submitted,

Date: 11/27/02

David J. Powsner, Reg. No. 31,868

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