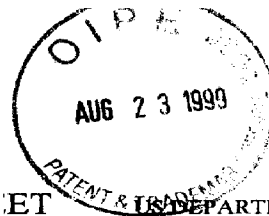


RI

09-09-1999



101139486



ET US DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Muriel Medard
Stephen R. Chinn

2. Name and address of receiving party(ies):

Name: UNITED STATES AIR FORCE

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

Internal Address: ESC/JAZ

3. Nature of conveyance:

Street Address: 40 WRIGHT STREET, BLDG 1120

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

City: HANSCOM AFB,

Execution Date(s):

5 August 1999

State: MA

Zip: 01731-2903

☒ This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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:

A: Patent Application No(s):

B: Patent No.(s):

09/256,150

Additional numbers attached? ☐ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved:

Name: Catherine A. Schulz

Internal Address: ESC/JAZ

Street Address: 40 Wright Street Bldg 1120

City: Hanscom AFB

State: MA ZIP: 01731-2903

7. Total fee (37 CFR 3.41)\$ 0

☐ Enclosed ☒ Not Applicable

The instrument to be recorded is not an instrument affecting Title (37 CFR 7.1(e)(2) and (j)).

8. Deposit Account Number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and nay attached copy is a true copy of the original document.

CATHERINE A. SCHULZ

Catherine A. Schulz

17 August 1999

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments and document:

2



Application for: "Method and Apparatus for Detecting Malfunctions in Communication Systems"
Inventor(s): Muriel Medard et al.
Serial No.: 09/256,150 Date Filed: February 24, 1999
Contract No(s).: F19628-95-C-0002
Contractor: MASSACHUSETTS INSTITUTE OF TECHNOLOGY

The invention identified above is a "Subject Invention" under Patent Rights clause included in Contract Number F19628-95-C-0002 with the United States Air Force.

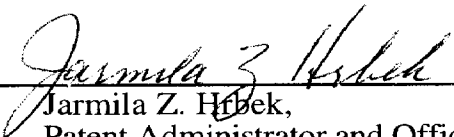
This document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license granted to the Government under this contract in this invention, patent application and any and all divisions or continuations, and any resulting patent or reissues which may be granted thereon, and of all other rights acquired by the Government by the referenced clause.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 5 day of August, 1999 .

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By


Jarmila Z. Hrbek,
Patent Administrator and Office Manager
Technology Licensing Office

77 Massachusetts Avenue, Room NE25-230, Kendall Square, Cambridge, MA 02139