

S-91,745

Form PTC-1595

(Rev. 10/02)

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Rev. 04/03/2006

J.S. Department of Commerce  
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To the Honorable Commissioner for Patents. Please record the attached original documents or copy thereof.

Name of conveying party(ies):  
The Regents of the University of CaliforniaAdditional name(s) of conveying  
party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

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

Execution Date: 08 May 2006

## 2. Name and address of receiving party:

Name: Los Alamos National Security, LLC

## Address:

Los Alamos National Laboratory  
 LC/IP, MS A187  
 Los Alamos, NM 87545

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) 09/612,026

B. Patent No.(s) 6,678,658

Additional numbers attached ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Name: Bruce H. Cottrell

Registration No.: 30,620

Address: Los Alamos National Laboratory  
 LC/IP, MS A187  
 Los Alamos, NM 87545

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):

\$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number 12-2150

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## 9. 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.

Bruce H. Cottrell

15 May 2006

Name of person signing

Signature

Date

05/23/2006 09:11:11 00000030 122150 09612026

OMB No. 0651-0027 (exp. 6/30/05)

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Fax documents to be recorded with required cover sheet to: (703) 306-5995

OR

Mail documents to be recorded with required cover sheet to: Commissioner for Patents  
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 PO Box 1450  
 Alexandria, VA 22313-1450

PATENT

REEL: 017914 FRAME: 0007

**ASSIGNMENT**DOE S-91,745

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR,

The Regents of the University of California  
1111 Franklin Street, Fifth Floor, Oakland, CA 94607-5200

hereby sells, assigns and transfers

to ASSIGNEE, Los Alamos National Security, LLC, a Delaware Limited Liability Company, at Los Alamos National Laboratory, LC/IP, Mail Stop A187, Los Alamos, NM 87545 and the successors, assigns and legal representatives of the ASSIGNEE

- ☒ its entire right, title and interest
- ☐ an undivided fifty percent (50%) interest
- ☐ an undivided \_\_\_\_ percent ( \_ %) interest

for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention titled:

**SPEECH PROCESSING USING CONDITIONAL OBSERVABLE MAXIMUM LIKELIHOOD  
CONTINUITY MAPPING**

Name of Inventors John E. Hogden, David A. Nix

and which is found in

- (a) ☒ U.S. application Serial No. 09/612,026, filed on 7/7/2000.
- (b ) ☒ U.S. Patent No. 6,678,658, issued 1/13/2004.

☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

☒ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

**ASSIGNOR** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

**ASSIGNOR** further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as

may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

**AND** the **ASSIGNOR** requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, Los Alamos National Security, LLC.

executed this

Signature of Assignor

8th day of May, 2006

A handwritten signature in cursive script, reading "Bruce H. Cottrell", written over a horizontal line.

Bruce H. Cottrell  
IP Practice Group Leader