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PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

James L. Rash, Michael G. Hinchey, ~~Christopher A. Burt~~, Dennis Gracani, John D. EricksonAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 26, 2005, 7/26/05, 7/28/05, 8/5/05

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: United States of America as represented by theInternal Address: Administrator of the NationalAeronautics and Space Administration

Street Address: _____

City: WashingtonState: D.C.Country: USA Zip: 20546Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Bryan A. GeurtsInternal Address: Bldg 22 Rm 294 Mail Code 140.1Street Address: Goddard Space Flight Center8800 Greenbelt Rd.City: GreenbeltState: MD Zip: 20771Phone Number: 301-286-7351Fax Number: 301-286-9502Email Address: bryan.a.geurts@nasa.gov

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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9. Signature: _____

Signature

Date

Bryan A. Geurts
Name of Person SigningTotal number of pages including cover
sheet, attachments, and documents: 2Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 017143 FRAME: 0151113014 U.S. PTO
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Patent Application

ASSIGNMENT AND AGREEMENT

National Aeronautics and
Space AdministrationTitle of Invention: System and Method and Apparatus for Verification of Knowledge-Based SystemsInventor(s): Michael G. Hinchey, James L. Rash, Christopher Rouff (SAIC), John Erickson, Denis GracininNASA Case No.: GSC 14,942-1 Application No.*: _____ Filing Date*: _____

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Part 501; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for a United States Patent on the above entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s), and any patent(s) that may issue therefrom.

2. Agree to grant to the Government my (our) full and exclusive foreign rights in and to said invention, in accordance with 37 CFR 501.9(d), including rights of priority under the International Convention of Paris (1883), as amended. If the Government chooses not to file an application in any foreign country, I (we) may request rights in that country, in accordance with 37 CFR 501.9(d), and such rights will be subject to the reservation to the Government of a nonexclusive, irrevocable, royalty-free license in the invention with power to grant licenses for all governmental purposes. The terms of such reservation will appear, where practicable, in any foreign patent which may issue on such invention.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

Michael G. Hinchey
(Signature of Inventor)

07/26/05
(Date)

(Date Application Executed)

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8/5/05
(Date)

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Assignment & Agreement (Cont'd.)

Title of Invention: Systems, Method and Apparatus for Verification of Knowledge-Based Systems

Inventors: Michael G. Hinchey, James L. Rash, Christopher Rouff (SAIC), John Erickson, Denis Gracinin

NASA Case No. GSC 14,942-1

Denis Gracinin
(Signature of Inventor)

07/28/05
(Date)

(Date Application Executed)

Denis Gracinin

Inventors Typed Name

(Post Office Address-Including Country)