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U.S. DEPARTMENT OF COMMERCE
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PATENT 103105593

9-29-05

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)
Michael G. Hinchey

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

2. Name and address of receiving party(ies)
Name: United States of America as represented by the
Internal Address: Administrator of the National
Aeronautics and Space Administration

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 9/22/05
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

Street Address: _____
City: Washington
State: DC
Country: USA Zip: 20546
Additional name(s) & address(es) attached? Yes No

113219 U.S. PTO
11/25/1538

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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s) DBYRNE 08000107 140116 11251538
40.00 BA

B. Patent No.(s) _____
Additional numbers attached? Yes No

10/21/2005
01 FC:802

5. Name and address to whom correspondence concerning document should be mailed:
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6. Total number of applications and patents involved: 1
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 _____
Expiration Date _____
b. Deposit Account Number 14-0116
Authorized User Name Bryan A. Geurts

9. Signature: Bryan A. Geurts 9/22/05
Signature Date
Name of Person Signing Bryan A. Geurts
Total number of pages including cover sheet, attachments, and documents: 2

Documents 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



ASSIGNMENT AND AGREEMENT

National Aeronautics and Space Administration

Title of Invention: System and Method for Managing Autonomous Entities Through Apoptosis

Inventor(s): Michael G. Hinchey, Roy Sterritt

NASA Case No.: GSC 14,968-1 Application No.*: Filing Date*: 9/29/05

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.

Handwritten signature of Michael G. Hinchey, date 09/22/05, and date application executed 9/29/05. Typed name: Michael G. Hinchey. Address: 4629 Morning Glory Trail, Bowie, MD 20720.

Blank signature line, date line, and date application executed line.

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