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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)/Execution Date(s):

FARROKH VATAN;
AMIR FIJANY

Execution Date(s) 06/04/2007; 06/05/2007

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

2. Name and address of receiving party(ies)

Name: CALIFORNIA INSTITUTE OF TECHNOLOGY

Internal Address: _____

Street Address: 1200 East California Blvd.

MC 201-85

City: PASADENA

State: CALIFORNIA

Country: USA Zip: 91125

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other CIT021

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/353,673

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: TOPE-MCKAY & ASSOCIATES

Internal Address: _____

Street Address: 23852 PACIFIC COAST HWY. #311

City: MALIBU

State: CA Zip: 90265

Phone Number: 310-589-8158

Fax Number: 310-919-3145

Email Address: zpoprawski@topemckay.com

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)

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Expiration Date 02/2009

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Authorized User Name _____

9. Signature:

[Signature]
Signature

06/06/2007
Date

CARY TOPE-MCKAY
Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 019434 FRAME: 0586

Docket: CIT-4310

Attorney Docket: CIT021

Invention Title: SYSTEM FOR SOLVING DIAGNOSIS AND HITTING SET PROBLEMS

ASSIGNMENT

WHEREAS, I, Farrokh Vatan of 24224 Vanowen St., West Hills, California 91307, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in **SYSTEM FOR SOLVING DIAGNOSIS AND HITTING SET PROBLEMS** (hereinafter "Invention") for which an application for a United States Patent was filed on February 13, 2006, Application Ser. No. 11/353,673, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

AND

WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 01-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 4th day of June, 2007,
at Pasadena, CA (city).


(Signature)

Docket: CIT-4310

Attorney Docket: CIT021

Invention Title: **SYSTEM FOR SOLVING DIAGNOSIS AND HITTING SET PROBLEMS**

ASSIGNMENT

WHEREAS, I, Amir Fijany of 497 E. California Blvd. #101, Pasadena, California 91106, United States of America (hereinafter "Assignor") have invented certain new and useful improvements in **SYSTEM FOR SOLVING DIAGNOSIS AND HITTING SET PROBLEMS** (hereinafter "Invention") for which an application for a United States Patent was filed on February 13, 2006, Application Ser. No. 11/353,673, and/or for which Assignors are making or have made a foreign application for intellectual or industrial property protection under the appropriate body of law corresponding to that foreign jurisdiction.

AND

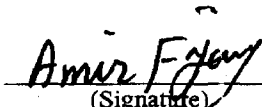
WHEREAS, California Institute of Technology, a corporation organized and existing under the laws of the State of California, United States of America and having a place of business at 1200 East California Blvd., MC 200-85, Pasadena, California 91125, United States of America, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the Invention within the United States of America and its territorial possessions, and in all foreign countries in which intellectual or industrial property protection may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I the Assignor desire to and do hereby assign, sell, and transfer unto Assignee the full and exclusive right to the Invention in the United States of America and its territorial possessions and in all foreign countries, as well as, the entire right, title and interest in and to any and all intellectual or industrial property rights including, but not limited to, Patents, designs, utility models, and inventor certificates which may be granted therefore in the United States of America and its territorial possessions and in all foreign countries, I hereby authorize and request the U.S. Patent Offices and the equivalent offices at foreign countries, to issue to the Assignee, any and all applicable intellectual or industrial property rights in the Invention, for the Assignee's sole use and benefit; and for the use and benefit of his legal representatives, to the full end of the term for which United States and foreign Patents or the like may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

I further covenant and agree with the Assignee that I have a full and unencumbered title to the invention hereby assigned, which title I warrant unto the Assignee, and I further agree that I will, without demanding any further consideration therefore, at the request and at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign Patents or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and any and all intellectual or industrial property rights in it, particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Executed this 5th day of June, 2007,
at Pasadena (city).


(Signature)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 11/353,673

Filing Date 02/13/2006

First Named Inventor VATAN

Group Art Unit

Examiner Name

Attorney Docket Number CIT021

ENCLOSURES (check all that apply)

 Fee Transmittal Form Fee Attached Amendment / Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/
Incomplete Application Response to Missing Parts
under 37 CFR 1.52 or 1.53 Assignment Papers
(for an Application) Drawing(s) Licensing-related Papers Petition Petition to Convert to a
Provisional Application Power of Attorney, Revocation
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Address Terminal Disclaimer Request for Refund CD, Number of CD(s) _____ After Allowance Communication
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identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual name

CARY TOPE-MCKAY

Signature

Date

06/06/2007

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 06/06/2007

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06/06/2007

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PATENT

RECORDED: 06/08/2007

REEL: 019434 FRAME: 0589