

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Supranamaya Ranjan</td><td>12/22/2010</td></tr><tr><td>Joshua Robinson</td><td>12/22/2010</td></tr><tr><td>Feilong Chen</td><td>12/22/2010</td></tr></tbody></table>		Name	Execution Date	Supranamaya Ranjan	12/22/2010	Joshua Robinson	12/22/2010	Feilong Chen	12/22/2010		
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Supranamaya Ranjan	12/22/2010										
Joshua Robinson	12/22/2010										
Feilong Chen	12/22/2010										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Narus Inc.</td></tr><tr><td>Street Address:</td><td>570 Maude Court</td></tr><tr><td>City:</td><td>Sunnyvale</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94085</td></tr></table>		Name:	Narus Inc.	Street Address:	570 Maude Court	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12985263</td></tr></tbody></table>		Property Type	Number	Application Number:	12985263						
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Application Number:	12985263										
CORRESPONDENCE DATA											
Fax Number: (650)325-1203 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Address Line 1: P.O. BOX D											
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ATTORNEY DOCKET NUMBER:	NARUS-P025										
NAME OF SUBMITTER:	Dennis Fernandez										
Total Attachments: 2 source=NARUS-P025_RecordationCoverSheet#page1.tif source=NARUS-P025_Assignment#page1.tif											

OP \$40.00 12985263

PATENT

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REEL: 025590 FRAME: 0434

RECORDATION FORM COVER SHEET 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)

Supranamaya Ranjan, Joshua Robinson, Feilong Chen

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

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

Execution Date(s) 12/22/2010

- ☒ 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: NARUS, INC.

Internal Address: _____

Street Address: 570 Maude Court

City: Sunnyvale

State: CA

Country: US Zip: 94085

Additional 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)

12985263

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Fernandez & Associates, LLP

Internal Address: _____

Street Address: P.O. Box D

City: Menlo Park

State: CA Zip: 94026

Phone Number: (650) 325-4999

Fax Number: (650) 325-1203

Email Address: anna@iploft.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

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

8. Payment Information

Deposit Account Number 500482

Authorized User Name Dennis Fernandez

9. Signature:

/Dennis Fernandez/

Signature

1/5/2011

Date

Dennis Fernandez

Name of Person Signing

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

PATENT
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ASSIGNMENT

Whereas, I, SUPRANAMAYA RANJAN, JOSHUA ROBINSON, FEILONG CHEN, having agreed to assign the below identified invention to NARUS, INC. ("NARUS"), a corporation having its principal place of business at 570 Maude Court, Sunnyvale, CA 94085 for good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign, and transfer unto NARUS, its successors and assigns, the entire right, title, and interest, including the right of priority and action for past infringements in, to and under an application for Letters Patents of the United States entitled:

**MACHINE LEARNING BASED BOTNET DETECTION USING
REAL-TIME CONNECTIVITY GRAPH BASED TRAFFIC
FEATURES**

 X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

_____ Serial No.: _____, filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I agree promptly upon request of NARUS, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional, or reissue, or other papers which may be necessary or desirable fully to secure to NARUS, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent.

Inventor's Signature:  Date: 12/22/2010
SUPRANAMAYA RANJAN

Inventor's Signature:  Date: 12/22/10
JOSHUA ROBINSON

Inventor's Signature:  Date: 12/22/2010
FEILONG CHEN