

PATENT ASSIGNMENT

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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>Alok Tongaonkar</td> <td>12/20/2012</td> </tr> <tr> <td>Ram Keralapura</td> <td>12/20/2012</td> </tr> <tr> <td>Antonio Nucci</td> <td>12/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alok Tongaonkar	12/20/2012	Ram Keralapura	12/20/2012	Antonio Nucci	12/20/2012
Name	Execution Date								
Alok Tongaonkar	12/20/2012								
Ram Keralapura	12/20/2012								
Antonio Nucci	12/20/2012								
RECEIVING PARTY DATA									
Name:	Narus, Inc.								
Street Address:	570 Maude Court								
City:	Sunnyvale								
State/Country:	CALIFORNIA								
Postal Code:	94085								
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>13724779</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13724779				
Property Type	Number								
Application Number:	13724779								
CORRESPONDENCE DATA									
Fax Number:	6503251203								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	6503254999								
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Correspondent Name:	FERNANDEZ & ASSOCIATES, LLP								
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Address Line 4:	Atherton, CALIFORNIA 94027								
ATTORNEY DOCKET NUMBER:	NARUS-B047								
NAME OF SUBMITTER:	Dennis S. Fernandez								
Total Attachments: 1 source=2012_12_20_NARUS-B047_Assignment#page1.tif									

OP \$40.00 13724779

ASSIGNMENT

Whereas, we, **ALOK TONGAONKAR, RAM KERALAPURA and ANTONIO NUCCI**, 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, we 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:


**TRANSACTION BASED NETWORK APPLICATION SIGNATURES
FOR TEXT BASED PROTOCOLS**

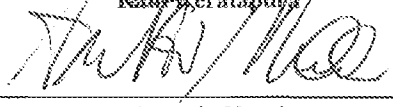
X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

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, we 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: 12/20/12
Alok Tongaonkar

Inventor's Signature:  Date: 12/20/12
Ram Keralapura

Inventor's Signature:  Date: 12/20/12
Antonio Nucci