

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sanjay Sarma</td> <td>06/09/2005</td> </tr> <tr> <td>Laxmiprasad Putta</td> <td>05/02/2005</td> </tr> <tr> <td>Sridhar Ramachandran</td> <td>05/02/2005</td> </tr> <tr> <td>James L. Waldrop</td> <td>05/01/2005</td> </tr> <tr> <td>Daniel W Engels</td> <td>05/19/2005</td> </tr> </tbody> </table>		Name	Execution Date	Sanjay Sarma	06/09/2005	Laxmiprasad Putta	05/02/2005	Sridhar Ramachandran	05/02/2005	James L. Waldrop	05/01/2005	Daniel W Engels	05/19/2005
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James L. Waldrop	05/01/2005												
Daniel W Engels	05/19/2005												
RECEIVING PARTY DATA													
Name:	Massachusetts Institute of Technology												
Street Address:	77 Massachusetts Avenue												
City:	Cambridge												
State/Country:	MASSACHUSETTS												
Postal Code:	02139-4307												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10769292</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10769292								
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CORRESPONDENCE DATA													
Fax Number:	(215)563-4044												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	215-563-4100												
Email:	seland@ddhs.com												
Correspondent Name:	Stephen H. Eland												
Address Line 1:	1601 Market Street												
Address Line 2:	Suite 2400												
Address Line 4:	Philadelphia, PENNSYLVANIA 19103-2307												
ATTORNEY DOCKET NUMBER:	1974-P03607US1												
NAME OF SUBMITTER:	Stephen H. Eland												

CH \$40.00 10769292

Total Attachments: 5

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ASSIGNMENT

WHEREAS, Sanjay Sarma, Daniel W Engels, Laxmiprasad Putta, Sridhar Ramachandran and James L. Waldrop, and each one of them, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: "METHOD AND APPARATUS FOR ROUTING DATA IN AN AUTOMATIC IDENTIFICATION SYSTEM" described and claimed in United States Provisional Patent Application No. 60/444,090, filed January 31, 2003; and an invention described and claimed in United States Patent Application No. 10/769,292, filed January 30, 2004;

WHEREAS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, a corporation organized and existing under and by virtue of the laws of the State of Massachusetts, and engaged in business at 77 Massachusetts Avenue, Cambridge, Massachusetts, 02139-4307, United States, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said inventions and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries that may be issued therefor;

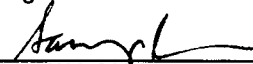
NOW, THEREFORE, the parties hereto, intending to be legally bound, agree that, in consideration of good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, his or her entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid inventions and the applications identified above, including any and all provisional applications, continuations, divisionals, continuations-in-part, reissues and re-examinations thereof, and in and to any and all Letters Patent that may issue therefor in the United States and in any and all foreign countries (including related rights such as utility model registrations, inventors' certificates and the like). In addition, ASSIGNOR has sold, assigned and set over and hereby does sell, assign and set over, unto ASSIGNEE, its successors and assigns, the right to claim priority in any and all foreign applications, including applications filed under the Patent Cooperation Treaty, to the above-referenced application and any and all provisional, continuation, divisional, and continuation-in-part applications for the inventions.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNOR will execute any further papers and do such other acts and things as may be necessary and proper to permit ASSIGNEE, its successors and assigns, to procure and enforce Letters Patent for said inventions in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

Date
6/9/05

Signature

SANJAY SARMA

DANIEL W ENGELS


LAXMIPRASAD PUTTA

6/9/05


SRIDHAR RAMACHANDRAN

JAMES L. WALDROP

ASSIGNMENT

WHEREAS, Sanjay Sarma, Daniel W Engels, Laxmiprasad Putta, Sridhar Ramachandran and James L. Waldrop, and each one of them, hereinafter referred to as ASSIGNOR, is a named inventor of an invention entitled: **"METHOD AND APPARATUS FOR ROUTING DATA IN AN AUTOMATIC IDENTIFICATION SYSTEM"** described and claimed in United States Provisional Patent Application No. 60/444,090, filed January 31, 2003; and an invention described and claimed in United States Patent Application No. 10/769,292, filed January 30, 2004;


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IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

Date	Signature
<hr/> <i>19 May 2005</i>	<hr/> SANJAY SARMA  <hr/> DANIEL W. ENGELS
<hr/>	<hr/> LAXMIPRASAD PUTTA
<hr/>	<hr/> SRIDHAR RAMACHANDRAN
<hr/>	<hr/> JAMES L. WALDROP

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IN WITNESS WHEREOF, this Assignment has been executed on the day and month indicated below.

Date

Signature

SANJAY SARMA

DANIEL W ENGELS

May '02, 2005


LAXMI PRASAD PUTTA

SRIDHAR RAMACHANDRAN

JAMES L. WALDROP

ASSIGNMENT

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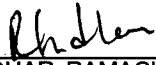
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Date	Signature
_____	_____ SANJAY SARMA
_____	_____ DANIEL W ENGELS
_____	_____ LAXMIPRASAD PUTTA
<u>May 2, 2005</u>	 _____ SRIDHAR RAMACHANDRAN
_____	_____ JAMES L. WALDROP

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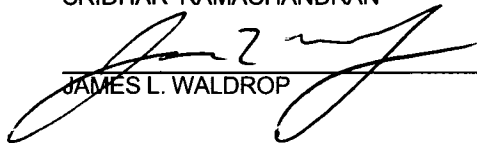
SANJAY SARMA

DANIEL W ENGELS

LAXMIPRASAD PUTTA

SRIDHAR RAMACHANDRAN

05/01/05



JAMES L. WALDROP