

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dave Olson</td> <td>08/02/2005</td> </tr> <tr> <td>Gregory B. Lindahl</td> <td>08/02/2005</td> </tr> <tr> <td>Jeffrey B. Rubin</td> <td>08/02/2005</td> </tr> </tbody> </table>		Name	Execution Date	Dave Olson	08/02/2005	Gregory B. Lindahl	08/02/2005	Jeffrey B. Rubin	08/02/2005		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>PathScale, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>2071 Stierlin Court, #200</td> </tr> <tr> <td><b>City:</b></td> <td>Mountain View</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CALIFORNIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>94043</td> </tr> </table>		<b>Name:</b>	PathScale, Inc.	<b>Street Address:</b>	2071 Stierlin Court, #200	<b>City:</b>	Mountain View	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	94043
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (949)955-1921  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 949-955-1920          Email: dcheung@koslaw.com</p> <p>Correspondent Name: KLEIN, O'NEILL &amp; SINGH, LLP          Address Line 1: 18200 VON KARMAN AVENUE          Address Line 2: SUITE 725          Address Line 4: IRVINE, CALIFORNIA 92612</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	23368-09051-CON1										
<b>NAME OF SUBMITTER:</b>	Tejinder Singh										
<p>Total Attachments: 3          source=23368-09051-CON1--AssgnAsFiled12032010#page1.tif</p>											

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**PATENT**  
**REEL: 025444 FRAME: 0845**

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **PathScale, Inc.** a Delaware corporation, having a place of business at 2071 Stierlin Court, #200, Mountain View, California 94043, for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **Protocol to Implement Token ID Mechanism for Network Data Transfer** ("APPLICATION"), which:

- ☐ is to be filed herewith.
- ☒ was filed on May 25, 2005, and now bears U.S. application serial number 11/137,925.
- ☒ The APPLICATION claims priority from provisional application, filed on May 25, 2004, now bearing U.S. application serial number 60/574,402, provisional application filed on August 5, 2004, now bearing U.S. application number 60/599,565, and provisional application filed on August 5, 2004, now bearing U.S. application number 60/599,605.

2. The entire worldwide right, title, and interest in and to:  
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;  
 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Title: Protocol to Implement Token ID Mechanism for Network Data Transfer  
Filed: May 25, 2005  
Application No.: 11/137,925

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hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

  
DAVE OLSON

Date of Signature

2 May, 2005

State of California } S.S.  
County of Santa Clara }

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]

appeared DAVE OLSON personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

\_\_\_\_\_  
Notary

Title of Document: ASSIGNMENT

Title: Protocol to Implement Token ID Mechanism for Network Data Transfer  
Filed: May 25, 2005  
Application No.: 11/137,925

Name and Signature  
GREGORY B. LINDAHLDate of SignatureAug 2 .2005

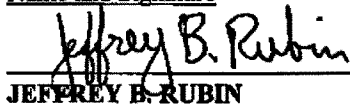
State of \_\_\_\_\_ } S.S.  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]

appeared GREGORY B. LINDAHL personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

Name and Signature  
JEFFREY B. RUBINDate of Signature8-2 .2005

State of \_\_\_\_\_ } S.S.  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]

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