

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>Murali Rangarajan</td> <td>03/21/2008</td> </tr> <tr> <td>Nikhil Doshi</td> <td>03/21/2008</td> </tr> <tr> <td>Shirish H. Phatak</td> <td>03/21/2008</td> </tr> <tr> <td>Suresh Gopalakrishnan</td> <td>03/21/2008</td> </tr> <tr> <td>Vaishnav Kovvuri</td> <td>03/21/2008</td> </tr> </tbody> </table>		Name	Execution Date	Murali Rangarajan	03/21/2008	Nikhil Doshi	03/21/2008	Shirish H. Phatak	03/21/2008	Suresh Gopalakrishnan	03/21/2008	Vaishnav Kovvuri	03/21/2008
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Vaishnav Kovvuri	03/21/2008												
RECEIVING PARTY DATA													
Name:	Packeteer, Inc.												
Street Address:	10201 N. De Anza Blvd.												
City:	Cupertino												
State/Country:	CALIFORNIA												
Postal Code:	95014												
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>12055261</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12055261								
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CORRESPONDENCE DATA													
Fax Number:	(415)480-1780												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	6533/54360US1												
NAME OF SUBMITTER:	Mark J. Spolyar												

OP \$40.00 12055261

Total Attachments: 2

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PATENT APPLICATION
Attorney Docket 6533/54360US1

ASSIGNMENT

We, Murali Rangarajan, Nikhil R. Doshi, Shirish H. Phatak, Suresh Gopalakrishnan, and Vaishnav Kumar Kovvuri, all citizens of India (hereinafter called "ASSIGNORS"), for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, have assigned and do hereby assign to Packeteer, Inc., a Delaware corporation, having a mailing address at 10201 N. De Anza Blvd., Cupertino, CA 95014 (hereinafter called "ASSIGNEE"), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by us and disclosed in the United States patent application, filed concurrently herewith, executed by us on the respective dates indicated below, and entitled "**Efficient Directory Refresh Operations in Wide Area File Systems**", including the right to claim priority rights deriving from said United States patent application by virtue of US law and any International Convention, plus the entire right, title and interest in and to any and all letters patent which claim priority therefrom and may be granted in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations of any such patents, said applications and letters patents issuing from said application to be held and enjoyed by ASSIGNEE for its use and benefit and of its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and comparable officials in foreign countries to issue or grant all letters patent from these applications to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and

Assignment of Patent Application to Packeteer, Inc.
TITLE: "**Efficient Directory Refresh Operations in Wide Area File Systems**"
Inventors: Murali Rangarajan, et al.
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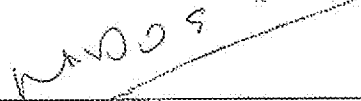
prosecution of applications for United States and foreign letters patent, for litigation regarding said letters patent, or for the purpose of protecting title to any such applications or letters patent therefor.

Assignment and Declaration Execution Date: 3/21/2008



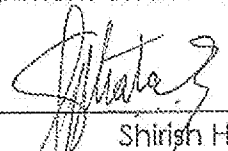
Murali Rangarajan

Assignment and Declaration Execution Date: 3/21/2008



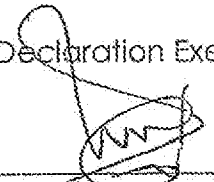
Nikhil Doshi

Assignment and Declaration Execution Date: 3/21/2008



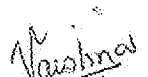
Shirish H. Phatak

Assignment and Declaration Execution Date: 3/21/2008



Suresh Gopatakrishnan

Assignment and Declaration Execution Date: 03/21/2008



Vaishnav Kovvuri

assign reg:nl:inventors:wfiling

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