

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Millind Mittal	09/27/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	X-Engines, Inc
<b>Street Address:</b>	800 E. Charleston Rd #29
<b>City:</b>	Palo Alto
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94303
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11740233
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(831)477-0703
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(831) 476-5506
<b>Email:</b>	stua@pacbell.net
<b>Correspondent Name:</b>	Stuart T Auvinen
<b>Address Line 1:</b>	429 26th Ave.
<b>Address Line 4:</b>	Santa Cruz, CALIFORNIA 95062
<b>ATTORNEY DOCKET NUMBER:</b>	14-4
<b>NAME OF SUBMITTER:</b>	Stuart T Auvinen
<b>Total Attachments: 2</b> source=Assignl44sign#page1.tif source=Assignl44sign#page2.tif	

CH \$40.00 11740233

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## ASSIGNMENT OF INVENTION AND PATENT APPLICATION

For value received,

Millind Mittal, of Palo Alto California,

(hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto

X-Engines, Inc of Palo Alto , California,

and its successors or assigns (hereinafter ASSIGNEE) 100 % of the following:

(A) ASSIGNOR'S right, title and interest in and to any and all inventions in the application entitled "Deterministic Lookup Using Hashed Key in a Multi-Stride Compressed Trie Structure" invented by ASSIGNOR;

(B) the application for United States patent therefor, signed by ASSIGNOR on 4/24/2007, United States Patent and Trademark Office Serial Number 11/740,233, filed 4/25/2007.

(C) any patent, reexaminations or reissues of any patent that may be granted thereon; and

(D) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application. ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting applications and/or patent(s) as follows: 100 % to X-Engines, Inc.

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the entire right title, and interest in and to said invention in each and every country foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE all priority rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to execute all papers, give any required testimony and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions therefor, and ASSIGNEE'S interest therein.

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In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

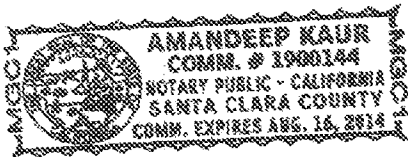
*Millind Mittal*

Millind Mittal

State: CALIFORNIA }  
County: SANTA CLARA } ss

Subscribed and sworn to (or affirmed) before me on September 27, 2010 (date) by Millind Mittal, proved to me on the basis of satisfactory evidence to be the person who appeared before me.

Witness my hand and official seal.



*AKaur*

Notary Public

My Commission Expires Aug. 16, 2014