PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Andrew Lines | 11/12/2010 |

RECEIVING PARTY DATA

| Name: | Fulcrum Microsystems, Inc. | |
|-----------------|----------------------------|--|
| Street Address: | 26630 Agoura Road | |
| City: | Calabasas | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 91302 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12944350 |

CORRESPONDENCE DATA

Fax Number: (510)663-0920

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 510-663-1100

Email: edurrell@wavsip.com
Correspondent Name: Joseph M. Villeneuve
Address Line 1: 500 12th Street
Address Line 2: Suite 200

Address Line 4: Oakland, CALIFORNIA 94607

ATTORNEY DOCKET NUMBER: FULCP023

NAME OF SUBMITTER: Joseph M. Villeneuve

Total Attachments: 1

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CH \$40.00

PATENT REEL: 025663 FRAME: 0033

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

BINARY SEARCH PIPELINE

| (Atty. Docket No. FULCP023), (check one) |
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| for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No. 12/944,350, filed on November 11, 2010. (Not accompanying) |
| For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby: |
| 1) Sell, assign and transfer to <u>Fulcrum Microsystems</u> , <u>Inc.</u> , a California corporation having a place of business at 26630 Agoura Road, Calabasas, California 91302 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above referenced application. |
| 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE. |
| 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications. |
| 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns. |
| 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment. |
| 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment. |
| Signed on the date indicated beside my signature. |
| 1) Signature: Andrew Lines Date: 1/12/10 Andrew Lines |

Revised 06/01, Assign US or Foreign No Notary

RECORDED: 01/19/2011