

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jian Chen</td> <td>12/14/2012</td> </tr> <tr> <td>Phan F. Hoang</td> <td>12/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jian Chen	12/14/2012	Phan F. Hoang	12/14/2012
Name	Execution Date						
Jian Chen	12/14/2012						
Phan F. Hoang	12/14/2012						
RECEIVING PARTY DATA							
Name:	Virtium Technology, Inc.						
Street Address:	30052 Tomas						
City:	Rancho Santa Margarita						
State/Country:	CALIFORNIA						
Postal Code:	92688						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13715807</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13715807		
Property Type	Number						
Application Number:	13715807						
CORRESPONDENCE DATA							
Fax Number:	9498882445						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	9498882444						
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Correspondent Name:	Virtium Technology, Inc.						
Address Line 1:	30052 Tomas						
Address Line 4:	RanchoSantaMargarita, CALIFORNIA 92688						
ATTORNEY DOCKET NUMBER:	PT010						
NAME OF SUBMITTER:	Phan F Hoang						
Total Attachments: 1 source=VIRTIUM_PT010_ASSIGN#page1.tif							

OP \$40.00 13715807

**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Jian Chen, Phan F. Hoang

hereby sell, assign, and transfer to:

**Virtium Technology, Inc.**

a Corporation of California, having a principal place of business at:30052 Tomas, Rancho Santa Margarita, California 92688, United States ("Assignee"), and its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in United States Letters Patent Application No 13/715,807 , filed on December 14, 2012, and is entitled:

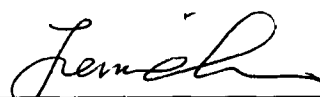
CLASSIFYING FLASH DEVICES USING ECC

and in and to said Letters Patent and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of the United States application resulting in said Letters Patent; and in and to all accrued causes of action for damages for infringement of all such original and reissued patents;

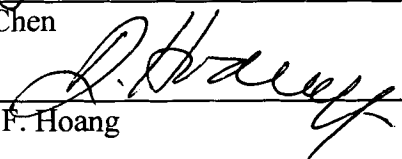
agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns or representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said inventions and improvements, in said Assignee, its successors, assigns and legal representatives; and

covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 12/14/2012

  
\_\_\_\_\_  
Jian Chen

Date: 12/14/2012

  
\_\_\_\_\_  
Phan F. Hoang

**PATENT**