

PATENT ASSIGNMENT

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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>REN-FENG HUANG</td> <td>08/26/2012</td> </tr> <tr> <td>HUI WEN MIAO</td> <td>08/26/2012</td> </tr> <tr> <td>KO-YANG TSO</td> <td>08/26/2012</td> </tr> <tr> <td>CHIN-CHIEH CHAO</td> <td>08/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	REN-FENG HUANG	08/26/2012	HUI WEN MIAO	08/26/2012	KO-YANG TSO	08/26/2012	CHIN-CHIEH CHAO	08/26/2012
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RECEIVING PARTY DATA											
Name:	RAYDIUM SEMICONDUCTOR CORPORATION										
Street Address:	2F, NO.23, LI-HSIN ROAD, SCIENCE-BASED INDUSTRIAL PARK										
City:	HSINCHU										
State/Country:	TAIWAN										
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>13603097</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13603097						
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Application Number:	13603097										
CORRESPONDENCE DATA											
Fax Number:	9497438963										
Phone:	949 387 2885										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS										
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ATTORNEY DOCKET NUMBER:	18506-553										
NAME OF SUBMITTER:	Anthony King										
Total Attachments: 2 source=Assign#page1.tif source=Assign#page2.tif											

OP \$40.00 13603097

ASSIGNMENT

WHEREAS, I (we), HUANG, REN-FENG, MIAO, HUI-WEN, TSO, KO-YANG and CHAO, CHIN-CHIEH whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

SAMPLING PHASE SELECTION METHOD FOR A STREAM OF DATA BITS

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent/Utility Patent is executed on even date herewith unless at least one of the following is checked:

United States Design Patent

was:

executed on:

filed on: Serial No.:

established by PCT International Patent Application No.: filed: designating the United States of America

issued on as U.S. Patent No.:

WHEREAS, RAYDIUM SEMICONDUCTOR CORPORATION

whose post office address is 2F, NO.23, LI-HSIN ROAD, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU, TAIWAN 300, R.O.C. hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do well, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR further covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of HPAT, PC (Customer No. 60951) to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name HUANG, REN-FENG	Address No. 11, Yude Rd., Qianzhen Dist., Kaohsiung City 806, Taiwan, R.O.C.
Signature of Assignor <i>Huang Ren-feng</i>	Date of Signature Aug 26, 2012
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name MIAO, HUI WEN	Address 9F-1, No.373, Sec. 1, Guangfu Rd., Hsinchu City 300, Taiwan, R.O.C.
Signature of Assignor <i>Miao Hui-wen</i>	Date of Signature Aug 26, 2012
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name TSG, KO-YANG	Address No. 11, Aly. 53, Ln. 143, Huaxin St., Zhongha City, Taipei County 235, Taiwan, R.O.C.
Signature of Assignor <i>Tsao Ko Yang</i>	Date of Signature Aug 26, 2012
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name CHAO, CHIN-CHIEH	Address 9F-1, No.373, Sec. 1, Guangfu Rd., Hsinchu City 300, Taiwan, R.O.C.
Signature of Assignor <i>Chao Chin-Chieh</i>	Date of Signature 8/26/2012
Name of Witness (optional)	Name of Witness (optional)
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