

PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Chen-Chih HUANG | 12/08/2009 |
| RECEIVING PARTY DATA | |
| Name: | REALTEK SEMICONDUCTOR CORP. |
| Street Address: | No. 2, Innovation Rd. II, Hsinchu Science Park |
| City: | HsinChu |
| State/Country: | TAIWAN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12712806 |
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| Total Attachments: 2 source=2010-02-25-Assignment#page1.tif source=2010-02-25-Assignment#page2.tif | |

OP \$40.00 12712806

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PATENT
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION given to Huang, Chen-Chih having post office address of No.2, Innovation Rd. II, Hsinchu Science Park, HsinChu, Taiwan, R.O.C., hereinafter referred to as the ASSIGNOR(S), who has/have invented certain new and useful "FREQUENCY DETECTION APPARATUS AND METHOD", hereinafter referred to as the invention, for which I/we has/have executed an application for Letters Patent to be filed in the United States Patent and Trademark Office.

WHEREAS, REALTEK SEMICONDUCTOR CORP., corporation(s) organized and existing under the laws of the country/state of Taiwan, whose post office address/business address(es) is/are No.2, Innovation Rd. II, Hsinchu Science Park, HsinChu, Taiwan, R.O.C., hereinafter referred to as the ASSIGNEE, desires to acquire the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, WITNESSETH THIS that for and in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, said ASSIGNOR(S) hereby assign(s), sell(s) and transfer(s) to said ASSIGNEE(S), its assigns and legal representatives, the entire right, title and interest for the United States and elsewhere throughout the world, in and to said invention and application, including any and all divisions and continuations thereof, all rights of priority under the terms of the International Convention for the Protection of Industrial Property, and any and all Letters

Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any way arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said ASSIGNEE(S) and its assigns and legal representatives, in as ample and as beneficial a manner for all intents and purposes as said ASSIGNOR(S) might or could have held and enjoyed the same had this assignment not been made.

ALSO, said ASSIGNOR(S) hereby agree(s) to execute all papers necessary to file said applications in the United States and elsewhere throughout the world, and to assign the same to said ASSIGNEE(S), or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing any and all Letters Patent thereon.

AND said ASSIGNOR(S) authorize(s) and request(s) the Commissioner of Patents to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE(S), its assigns and legal representatives, in accordance herewith.

By: Huang, Chen Chih
Huang, Chen-Chih

2004.12.8.
Date