

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|---|---------------|--|---------------------|---|--------------|------------|----------------|------------|--------------|-------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chien-Hung Yeh</td> <td>08/25/2009</td> </tr> <tr> <td>Chi-Wai Chow</td> <td>08/25/2009</td> </tr> <tr> <td>Sien Chi</td> <td>08/25/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Chien-Hung Yeh | 08/25/2009 | Chi-Wai Chow | 08/25/2009 | Sien Chi | 08/25/2009 | | |
| Name | Execution Date | | | | | | | | | | |
| Chien-Hung Yeh | 08/25/2009 | | | | | | | | | | |
| Chi-Wai Chow | 08/25/2009 | | | | | | | | | | |
| Sien Chi | 08/25/2009 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Industrial Technology Research Institute</td> </tr> <tr> <td>Street Address:</td> <td>No. 195, Sec. 4, Chung Hsing Rd., Chutung</td> </tr> <tr> <td>City:</td> <td>Hsinchu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> <tr> <td>Postal Code:</td> <td>31040</td> </tr> </table> | | Name: | Industrial Technology Research Institute | Street Address: | No. 195, Sec. 4, Chung Hsing Rd., Chutung | City: | Hsinchu | State/Country: | TAIWAN | Postal Code: | 31040 |
| Name: | Industrial Technology Research Institute | | | | | | | | | | |
| Street Address: | No. 195, Sec. 4, Chung Hsing Rd., Chutung | | | | | | | | | | |
| City: | Hsinchu | | | | | | | | | | |
| State/Country: | TAIWAN | | | | | | | | | | |
| Postal Code: | 31040 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12576304</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12576304 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12576304 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: (770)951-0933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 770-933-9500 Email: dan.mcclure@tkhr.com Correspondent Name: THOMAS, KAYDEN, HORSTEMEYER & RISLEY, LL Address Line 1: 600 GALLERIA PARKWAY, S.E. Address Line 2: STE 1500 Address Line 4: ATLANTA, GEORGIA 30339-5994 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 250912-1780 | | | | | | | | | | |
| NAME OF SUBMITTER: | Daniel R. McClure | | | | | | | | | | |
| Total Attachments: 2 source=01031076#page1.tif | | | | | | | | | | | |

OP \$40.00 12576304

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PATENT
REEL: 023350 FRAME: 0430

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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WHEREAS Chien-Hung Yeh , Chi-Wai Chow and Sien Chi
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to HEAD-END CIRCUIT AND REMOTE ANTENNA UNIT AND HYBRID WIRED/WIRELESS NETWORK
SYSTEM AND TRANSCEIVING METHOD USING THEREOF

[☒] the inventor's declaration for said application being executed concurrently with the execution of this
instrument; said application to be filed in the United States Patent and Trademark Office;

[☐] said application having been filed in the United States Patent and Trademark Office on _____,

authorization being hereby given to my attorney, THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P. of 100
GALLERIA PARKWAY, N.W. SUITE 1500 ATLANTA, GEORGIA 30339-5948, to insert here in parentheses
(Application Serial No. _____) the application serial number of said application when known;

[☐] said application having been filed under the Patent Cooperation Treaty on _____,
Serial No. _____, the United States of America being designated.

AND WHEREAS INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE of No. 195, Sec. 4, Chung Hsing Rd.,
Chutung, Hsinchu 31040, Taiwan, R. O. C., hereinafter referred to as the assignee, is desirous of acquiring the
entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and
in and to said invention and any and all patents which may be granted therefor, including any and all renewals,
reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable
consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor
hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and
exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof,
and in and to said invention and any and all patents which may be granted therefor, including any and all renewals,
reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold,
exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said
invention and any and all patents which may be granted therefor, including any and all renewals, reissues and
prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining
thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals,
reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and
assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same,
if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors
or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all
renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters
Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said
assignee's successors and assigns, in accordance herewith.

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

工研院編號 P52980036US || 三達編號 US5404PA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

ASSIGNOR:

Signature: Chien-Hung Yeh

Printed Name: Chien-Hung Yeh

Date: Aug. 25, 2009

ASSIGNOR:

Signature: Chi-Wai Chow

Printed Name: Chi-Wai Chow

Date: Aug. 25 2009

ASSIGNOR:

Signature: Sien Chi

Printed Name: Sien Chi

Date: Aug. 25, 2009

WITNESS:

Signature: _____

Printed Name: _____

Date: _____

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

工研院編號 P52980036US || 三達編號 US5404PA