

RECORDATION FORM COVER SHEET PATENTS ONLY

Docket No.: 2479.2186-001

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below

1 Name of conveying party(ies)/Execution Date(s):

BING CHIANG / 07/28/05
 MICHAEL J. LYNCH / 07/29/05
 DOUGLAS H. WOOD / 08/03/05
 /
 /

2 Name and address of receiving party(ies)

Name: IPR LICENSING, INC.

Internal Address: SUITE 527

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

Street Address: 300 DELAWARE AVENUE

3 Nature of conveyance:

[X] Assignment [] Merger
 [] Security Agreement [] Change of Name
 [] Other _____

City: WILMINGTON

State: DELAWARE

Country: USA Zip: 19801

Additional name(s) & address(es) attached? [] Yes [X] No

4 Application number(s) or patent number(s).

A. Patent Application No (s)
10/895,813

[] This document is being filed together with a new application.
 B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

5 Name and address of party to whom correspondence concerning document should be mailed:

Name: DAVID J. THIBODEAU, JR., ESQ.

Internal Address: _____

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Email Address: DAVID.THIBODEAU@HBSR.COM

6 Total number of applications and patents involved: [1]

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

[] Enclosed
 [X] Authorization to charge deposit account number 08-0380
 [] Previously submitted - Doc. ID No []
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8. MARK B. SOLOMON Mark B Solomon 8/17/05
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: [4]

CH \$40.00 080380 10895813

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JointASSIGNMENT

WHEREAS, we, **Bing Chiang, Michael J. Lynch and Douglas H. Wood**, have invented a certain improvement in **Multi-Band Antenna for Wireless Applications** described in an application for Patent,

- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. **10/895,813**, filed **July 20, 2004**;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and assigned United States Application No. []];
- which was patented under United States Patent No. [].

WHEREAS, **IPR Licensing, Inc.** (hereinafter "**ASSIGNEE**"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at **300 Delaware Avenue, Suite 527, Wilmington, Delaware 19801** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: Bing Chiang
Bing Chiang

State/Commonwealth of Florida
County of Brevard

On this 28 day of July, 2005, before me, the undersigned notary public, personally appeared Bing Chiang,

- personally known to me, or
- proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Kathleen K. Reno Notary Public
 KATHLEEN K. RENO
 MY COMMISSION # DD 0027
 EXPIRES: May 3, 2009
 Florida Notary Service, Inc.
 My Commission expires 05/03/09
 KATHLEEN K. RENO (print name)

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Inventor's Signature: _____

[Handwritten Signature]
Michael J. Lynch

State/Commonwealth

of Florida

County of Brevard

On this 29th day of July, 2005, before me, the undersigned notary public, personally appeared Michael J. Lynch,

personally known to me, or

proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



[Handwritten Signature]
KATHLEEN K. RENYO (print name)

Notary Public

My Commission expires 05/03/09

Inventor's Signature: _____

[Handwritten Signature]
Douglas H. Wood

State/Commonwealth

of Florida

County of Brevard

On this 3rd day of August, 2005, before me, the undersigned notary public, personally appeared Douglas H. Wood,

personally known to me, or

proved to me through satisfactory evidence of identification, which was _____

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



[Handwritten Signature]
KATHLEEN K. RENYO (print name)

Notary Public

My Commission expires 05/03/09

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