

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2627546

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>ALFRED Y. WONG</td> <td>02/10/2011</td> </tr> <tr> <td>ROBERT MORENO</td> <td>02/10/2011</td> </tr> <tr> <td>RONG WANG</td> <td>02/10/2011</td> </tr> <tr> <td>KARL R. SHIELDS</td> <td>02/10/2011</td> </tr> </tbody> </table>		Name	Execution Date	ALFRED Y. WONG	02/10/2011	ROBERT MORENO	02/10/2011	RONG WANG	02/10/2011	KARL R. SHIELDS	02/10/2011
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<table border="1"> <tr> <td>Name:</td> <td>NONLINEAR ION DYNAMICS, LLC</td> </tr> <tr> <td>Street Address:</td> <td>13704 SATICOY STREET</td> </tr> <tr> <td>City:</td> <td>VAN NUYS</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>91402</td> </tr> </table>		Name:	NONLINEAR ION DYNAMICS, LLC	Street Address:	13704 SATICOY STREET	City:	VAN NUYS	State/Country:	CALIFORNIA	Postal Code:	91402
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (202)842-7899</p> <p>Phone: (703) 456-8000</p> <p>Email: jdrake@cooley.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: COOLEY LLP</p> <p>Address Line 1: 1299 PENNSYLVANIA AVENUE NW, SUITE 700</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20004</p>											
ATTORNEY DOCKET NUMBER:	PONG-001/09US 314583-2022										
NAME OF SUBMITTER:	CHRISTOPHER R. HUTTER										
Signature:	/Christopher R. Hutter/										

Date:

11/25/2013

**Total Attachments: 4**

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**INTELLECTUAL PROPERTY  
ASSIGNMENT AGREEMENT**

THIS INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT ("**Agreement**") is made and entered into this 10th day of February, 2011 by and between the undersigned parties designated individually as an "**Assignor**" and collectively as "**Assignors**," on the one hand, and NONLINEAR ION DYNAMICS, LLC, a California limited liability company ("**Assignee**" or "**NID**"), on the other hand.

**RECITALS**

A. Pong Research Corporation, a Delaware corporation ("**Pong**"), and NID are parties to that certain Intellectual Property Assignment Agreement, dated as of January 27, 2011 (the "**Pong Assignment**"), whereby NID assigned to Pong on a worldwide basis (1) all right, title, and interest in, (2) all intellectual property rights, moral rights, contractual rights, and any other legal rights related to, and (3) all intellectual property rights owned by NID that are embodied in, the technology, patents and intellectual property rights identified on **Exhibit A** attached to this Agreement (altogether constituting the "**Assigned Intellectual Property**").

B. Assignors acknowledge and agree that they have assigned, or have pre-existing obligations to assign, on a worldwide basis their respective (1) rights, title, and interest in, (2) intellectual property rights, moral rights, contractual rights, and any other legal rights related to, and (3) intellectual property rights embodied in the Assigned Intellectual Property.

C. Assignors desire to confirm the foregoing assignments or perform the aforesaid obligations with respect to the Assigned Intellectual Property, subject to the terms and conditions set forth in this Agreement.

**AGREEMENT**

NOW THEREFORE, in consideration for the mutual covenants set forth below, the Parties hereby agree as follows:

1. **Assignment.** Each Assignor hereby irrevocably assigns, sells, transfers and conveys to Assignee all of its respective right, title and interest, on a worldwide basis, in and to the Assigned Intellectual Property. Each Assignor acknowledges that it will have no further rights in any Assigned Intellectual Property, nor any rights to use any such Assigned Intellectual Property in any matter or for any purpose.

2. **Further Assurances.** Each Assignor hereby acknowledges that Assignor retains no right to use its respective Assigned Intellectual Property and agrees not to challenge the validity of Assignee's ownership of the Assigned Intellectual Property or undertake any actions inconsistent with Assignee's ownership thereof. Upon reasonable request by Assignee, each Assignor agrees promptly to execute documents and take other acts as Assignee may deem reasonably necessary to procure, maintain, perfect, evidence and enforce the full benefits, enjoyment, rights, title and interest, on a worldwide basis, of the Assigned Intellectual Property and all rights assigned under this Agreement, including executing patent assignments related to the Assigned Intellectual Property in favor of Assignee or its assignee or designee.

3. **Delivery.** Each Assignor further agrees to deliver to Assignee upon execution of this Agreement any and all tangible manifestations of the Assigned Intellectual Property, including, without limitation, all notes, records, files and tangible items of any sort in its possession or under its control relating to the Assigned Intellectual Property.

4. **Warranties.** Each Assignor represents and warrants that:

a. if Assignor is a corporate person, it is duly organized, validly existing, and in good standing under the laws of state of its organization;

b. it has the full power and authority to enter into and perform according to the terms of this Agreement; and

c. it has not previously granted or any rights in the Assigned Intellectual Property to any third party that are inconsistent with the rights conveyed to Assignee herein.

5. **Entire Agreement.** This Agreement and **Exhibit A** attached to this Agreement constitute the entire, complete, final and exclusive understanding and agreement of the parties with respect to the subject matter set forth above, and supersedes any other prior or contemporaneous oral understanding or agreement and any other prior written agreement on such subject matter. No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing and signed by authorized representatives of both parties. Failure by either party to exercise any of its rights under this Agreement will not constitute or be deemed a waiver or forfeiture of such rights.

6. **Governing Law.** This Agreement will be governed and construed in accordance with the laws of the State of Delaware.

7. **Severability.** If any provision of this Agreement is found invalid or unenforceable, in whole or in part, the remaining provisions and partially enforceable provisions will, nevertheless, be binding and enforceable.

8. **Applicability.** The provisions of this Agreement will inure to the benefit of, and be binding upon, the successors, assigns, heirs, executors and administrators of the parties to this Agreement.

[SIGNATURE PAGE FOLLOWS]

**EXHIBIT A**  
**DESCRIPTION OF "ASSIGNED INTELLECTUAL PROPERTY"**

<b>Description</b>	<b>Inventor</b>	<b>Record Holder</b>
US patent filed February 1, 1999 and issued September 2, 2003 under #6,615,026 captioned "Portable Telephone with Directional Transmission Antenna"	Wong, Alfred Y.	A.W. Technologies LLC
US patent filed October 19, 1999 and issued February 2, 2002 under #6,341,217 captioned "Portable Telephone with Shielded Transmission Antenna"	Wong, Alfred Y.	A.W. Technologies LLC
US patent filed November 6, 2009 under #12/614,132 captioned "Radiation Redirecting External Case for Portable Communications Device and Antenna Embedded in Battery of Portable Device"	Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong	Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong
US Patent filed April 7, 2007 under #11/696,040 captioned "Compact Polarization-Sensitive and Phase-Sensitive Antenna with Directionality and Multi-Frequency Resonances"	Wong, Alfred Y.	Wong, Alfred Y.
US patent filed March 15, 2010 under #12/724,290 captioned "RF Radiation Redirection Away from Portable Communication Device User"	Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong	Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong
US patent filed November 6, 2008 under #61/112,141 captioned "Antenna Embedded into Battery of Mobile Phone and Other Similar Wireless Devices and Smart Case for Wireless Device"	Wong, Alfred Y.	Wong, Alfred Y.
US patent filed March 9, 2009 under #12/614,132 captioned "External Case for Portable Communication Device to Redirect Radiation Away from the User's Head"	Wong, Alfred Y.	Wong, Alfred Y.
US patent filed March 13, 2009 under #61/160,282 captioned "A Method and Systems for Redirecting RF Radiation Away from Users, for Wireless Devices such as Cell Phones, Smart Phones, and Similar Devices"	Wong, Alfred Y.	Wong, Alfred Y.
China patent filed November 6, 2009 and issued December 2010 under #09U2154-2209-LXD captioned "Antenna Embedded into Battery, Wireless Device, and Smart Case for Wireless Device (Utility Patent)"	Wong, Alfred Y.	Wong, Alfred Y.
China patent filed November 6, 2009 under #0912153-2209-LXD captioned "Antenna Embedded into Battery, Wireless Device, and Smart Case for Wireless Device"	Wong, Alfred Y.	Wong, Alfred Y.


IN WITNESS WHEREOF, the parties have executed this Agreement as of the date hereof.

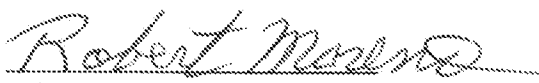
ASSIGNORS:

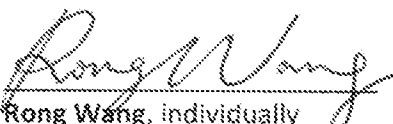
A.W. TECHNOLOGIES, LLC

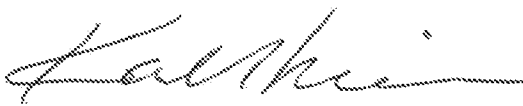
By:

  
Alfred Y. Wong, Manager

  
Alfred Y. Wong, individually

  
Robert Moreno, individually

  
Rong Wang, individually

  
Karl R. Shields, individually

ASSIGNEE:

NONLINEAR ION DYNAMICS, LLC

By:

  
Alfred Y. Wong, Manager