# Patent Assignment

**Submission Type:** New Assignment

**Nature of Conveyance:** Assignment

## Conveying Party Data

<table>
<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>

## Receiving Party Data

- **Name:** Nonlinear Ion Dynamics, LLC
- **Street Address:** 13704 Saticoy Street
- **City:** Van Nuys
- **State/Country:** California
- **Postal Code:** 91402

## Property Numbers

<table>
<thead>
<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
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<tbody>
<tr>
<td>Application Number</td>
<td>12724290</td>
</tr>
<tr>
<td>Application Number</td>
<td>12614132</td>
</tr>
<tr>
<td>Patent Number</td>
<td>7750855</td>
</tr>
</tbody>
</table>

## Correspondence Data

- **Fax Number:** (202)659-0105
- **Phone:** 202-659-0100
- **Email:** vincent.deluca@novakdruce.com
- **Correspondent Name:** Vincent M DeLuca
- **Address Line 1:** 300 New Jersey Avenue NW
- **Address Line 2:** Fifth Floor
- **Address Line 4:** Washington, District of Columbia 20001

**Attorney Docket Number:** 8986.000

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501523099

Patent

Reel: 026240 Frame: 0670
<table>
<thead>
<tr>
<th>NAME OF SUBMITTER:</th>
<th>Vincent M DeLuca</th>
</tr>
</thead>
</table>

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.

REQUITALS

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]
<table>
<thead>
<tr>
<th>Description</th>
<th>Inventor</th>
<th>Record Holder</th>
</tr>
</thead>
<tbody>
<tr>
<td>US patent filed February 1, 1999 and issued September 2, 2003 under #6,615,026 captioned “Portable Telephone with Directional Transmission Antenna”.</td>
<td>Wong, Alfred Y.</td>
<td>A.W. Technologies LLC</td>
</tr>
<tr>
<td>US patent filed October 19, 1999 and issued February 2, 2002 under #6,341,217 captioned “Portable Telephone with Shielded Transmission Antenna”.</td>
<td>Wong, Alfred Y.</td>
<td>A.W. Technologies LLC</td>
</tr>
<tr>
<td>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”.</td>
<td>Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong</td>
<td>Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong</td>
</tr>
<tr>
<td>US patent filed March 15, 2010 under #12/724,290 captioned “RF Radiation Redirection Away from Portable Communication Device User”.</td>
<td>Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong</td>
<td>Wong, Alfred Y.; Moreno, Robert; Shields, Karl R.; Wang, Rong</td>
</tr>
<tr>
<td>US patent filed November 6, 2008 under #61/113,141 captioned “Antenna Embedded into Battery of Mobile Phone and Other Similar Wireless Devices and Smart Case for Wireless Device”.</td>
<td>Wong, Alfred Y.</td>
<td>Wong, Alfred Y.</td>
</tr>
<tr>
<td>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”.</td>
<td>Wong, Alfred Y.</td>
<td>Wong, Alfred Y.</td>
</tr>
<tr>
<td>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”.</td>
<td>Wong, Alfred Y.</td>
<td>Wong, Alfred Y.</td>
</tr>
<tr>
<td>China patent filed November 6, 2009 under #0912153-2209-LXO captioned “Antenna Embedded into Battery, Wireless Device, and Smart Case for Wireless Device”.</td>
<td>Wong, Alfred Y.</td>
<td>Wong, Alfred Y.</td>
</tr>
</tbody>
</table>
IN WITNESS WHEREOF, the parties have executed this Agreement as of the date hereof.

ASSIGNORS:
A.W. TECHNOLOGIES, LLC

By:   
Alfred Y. Wong, Manager

By:   
Alfred Y. Wong, individually

Robert Moreno, individually

Rong Wang, individually

Karl R. Shields, individually

ASSIGNEE:
NONLINEAR ION DYNAMICS, LLC

By:   
Alfred Y. Wong, Manager