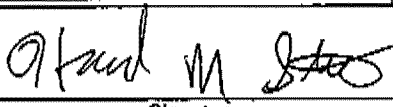


Form PTO-1595 (Rev. 01-09)
OMB No. 0651-0027 (exp. 02/28/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

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): <u>Edward W. Large</u> Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Circular Logic, LLC</u> Internal Address: _____ Street Address: _____ <u>319 S 43rd Street</u> City: <u>Philadelphia</u> State: <u>Pennsylvania</u> Country: <u>United States of America</u> Zip: <u>19104</u> Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>June 7, 2011</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>13/016,741</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Howard M. Gitten</u> <u>EDWARDS ANGELL PALMER & DODGE</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 85483(304156)</u> Street Address: <u>P.O. Box 55874</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02205</u> Phone Number: <u>(561) 820-0230</u> Fax Number: <u>(888) 325-9504</u> Email Address: <u>HGitten@eapdlaw.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
9. Signature: <div style="text-align: center; margin-top: 20px;">  Signature </div> <div style="text-align: center; margin-top: 20px;"> <u>June 24 2011</u> Date </div> <div style="text-align: center; margin-top: 20px;"> <u>Howard M. Gitten - 32,138</u> Name of Person Signing </div>	8. Payment Information Deposit Account Number <u>04-1105</u> Authorized User Name <u>Howard M. Gitten</u> Total number of pages including cover sheet, attachments, and documents: 8

CH \$40.00 041105 13016741

**RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)**

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: Florida Atlantic University Research Corporation

Internal Address:

Street Address: Office of Technology Transfer
777 Glades Rd., P.O. Box 3091

City: Boca Raton State: Florida Country: United States of America Zip: 33431-0991

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

Yes

No

PATENT

REEL: 026560 FRAME: 0198

Docket No.: 85483/304156

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted by facsimile to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.	
Date: <u>June 22, 2011</u>	Signature: <u>[Signature]</u> (Howard M. Gilton)

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this 7th day of JUNE, 2011,
by Edward W. Large (hereinafter referred to as Assignor), residing at 399 NW 7th
Ave., Boca Raton, Florida 33486;

WHEREAS, Assignor has invented certain new and useful improvements in
LEARNING AND AUDITORY SCENE ANALYSIS IN GRADIENT FREQUENCY
NONLINEAR OSCILLATOR NETWORKS, set forth in a Patent application for Letters
Patent of the United States, filed on January 28, 2011 as U.S. Application No.
13/016,741; and

WHEREAS, Circular Logic, LLC and Florida Atlantic University Research
Corporation, having their principal places of business at 319 S. 43rd St., Philadelphia,
Pennsylvania 19104; 777 Glades Rd., P.O. Box 3091, Boca Raton, Florida 33431-
0991, respectively (hereinafter referred to as Assignees), are desirous of acquiring the
entire right, title and interest in and to said inventions and said Application for Letters
Patent of the United States, and in and to any Letters Patent of the United States to be
obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good
and sufficient consideration, the receipt of which is hereby acknowledged, Assignor
has sold, assigned, transferred and set over, and by these presents does sell, assign,
transfer and set over, unto Assignees, their successors, legal representatives and
assigns, the entire right, title and interest in and to the above-mentioned inventions
and application for Letters Patent, and in and to any and all direct and indirect
divisions, continuations and continuations-in-part of said application, and any and all
Letters Patent in the United States and all foreign countries which may be granted
therefor and thereon, and reissues, reexaminations and extensions of said Letters
Patent, and all rights under the International Convention for the Protection of Industrial
Property, the same to be held and enjoyed by Assignees, for their own use and benefit

and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignees, their successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

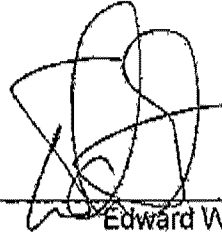
AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignor acknowledges an obligation of assignment of this invention to Assignees at the time the invention was made.



Edward W. Large

7206670239 593350

Date: 6/07/11

United States of America)
State of FLORIDA) ss.:
County of Palm Beach)

On this 7th day of June, 2011, before me personally came Edward W. Large, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

