

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM L. DITTO	02/27/2009
KRISHNAMURTHY MURALI	02/26/2009
SUDESHNA SINHA	02/27/2009

RECEIVING PARTY DATA

Name:	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
Street Address:	OFFICE OF TECHNOLOGY LICENSING
Internal Address:	P.O. BOX 115500
City:	GAINESVILLE
State/Country:	FLORIDA
Postal Code:	32611-5500

Name:	CONTROL DYNAMICS, INC.
Street Address:	1662 101ST PLACE S.E
City:	BELLEVUE
State/Country:	WASHINGTON
Postal Code:	98004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12394749

CORRESPONDENCE DATA

Fax Number: (561)989-9812

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

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Email: ptoboca@fggbb.com

Correspondent Name: FLEIT GIBBONS GUTMAN BONGINI & BIANCO P.

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PATENT

500794535

REEL: 022329 FRAME: 0563

CH \$40.00 12394749

Address Line 2:	551 NORTHWEST 77TH STREET, SUITE 111
Address Line 4:	BOCA RATON, FLORIDA 33487

ATTORNEY DOCKET NUMBER:	451-P0009
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NAME OF SUBMITTER:	JON A. GIBBONS
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<p>Total Attachments: 6</p> <p>source=UF12995_ASSIGNMENT_3-2-09#page1.tif</p> <p>source=UF12995_ASSIGNMENT_3-2-09#page2.tif</p> <p>source=UF12995_ASSIGNMENT_3-2-09#page3.tif</p> <p>source=UF12995_ASSIGNMENT_3-2-09#page4.tif</p> <p>source=UF12995_ASSIGNMENT_3-2-09#page5.tif</p> <p>source=UF12995_ASSIGNMENT_3-2-09#page6.tif</p>
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**PATENT ASSIGNMENT FORM**

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and does hereby sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**University of Florida Research Foundation, Inc.  
Office of Technology Licensing  
P.O. Box 115500  
Gainesville, FL 32611-5500**

and **University of Florida Research Foundation, Inc.** desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for  
United States Patent:

**RECONFIGURABLE AND RELIABLE LOGIC CIRCUIT  
ELEMENTS THAT EXPLOIT NONLINEARITY AND NOISE**

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by **Attorney Docket No.: UF12995**;

(select one): ☒ executed concurrently herewith – or – ☐ Serial No. , filed on

for and to said United States Patent Application including any and all non-provisional, divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by **University of Florida Research Foundation, Inc.**, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each undersigned inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to **University of Florida Research Foundation, Inc.**, its successors and assigns, in accordance herewith;

DOCKET NO.: UF-12995


PATENT

Each undersigned inventor warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests hereby sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each undersigned inventor further covenants and agrees that he/she, upon the request and at the expense of the Assignee, will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to the Assignee all facts known to the undersigned relating to such inventions and improvements and the history thereof; and perform all other lawful acts deemed necessary or desirable by the Assignee, its successors and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the Assignee, and in particular assigns to perfect title to said above-identified certain inventions, and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions;

Each inventor hereby grants the Assignee and the firm of **FLEIT GIBBONS GUTMAN BONGINI & BIANCO P.L.**, the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment. This agreement is governed by the laws of the State of Florida.

Inventor 1 of 2

Signature:  Date: 2/27/2009  
William L. DITTO

Signed in: City of: Gainesville, County of: Alachua, State of: Florida

Nationality: **United States**

Inventor 2 of 2

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Krishnamurthy MURALI

Signed in: City of: \_\_\_\_\_, County of: \_\_\_\_\_, State of: \_\_\_\_\_

Nationality: **India**

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Inventor 1 of 2

Signature: William L. DITTO Date: \_\_\_\_\_

Signed at: City of: \_\_\_\_\_, County of: \_\_\_\_\_, State of: \_\_\_\_\_

Nationality: United States

Inventor 2 of 2

Signature: K. Murthy Date: 02/26/09  
Krishnamurthy MURALI

Signed at: City of: Gainesville, County of: USA, State of: Florida

Nationality: India

DOCKET NO.: UF-12995

PATENT

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**Control Dynamics, Inc.**  
**1662 101<sup>st</sup> Place S.E.**  
**Bellevue, Washington 98004**

and **Control Dynamics, Inc.** desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for  
United States Patent:

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(select one): ☒ executed concurrently herewith - or - ☐ Serial No. , filed on

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DOCKET NO.: UF-12995

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Inventor 1 of 1

Signature:

  
Sudeshna SINHA

Date: 27 February 2009

Signed in: City of: CHENNAI , Country of: INDIA

Nationality: India

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TOTAL P.10

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RECORDED: 03/02/2009

REEL: 022329 FRAME: 0570