

11-03-2000



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### RECORDATION FORM COVER SHEET PATENTS ONLY

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11/02/2000 GTDN11 00000111 08868298

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT  
REEL: 011190 FRAME: 0788

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

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Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**  Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. 

Month	Day	Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.*

David B. Ritchie

10/19/00

Name of Person Signing

Signature

Date

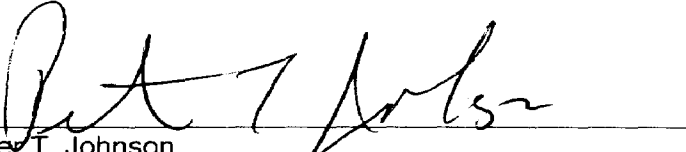
# ASSIGNMENT

WHEREAS, Viewlogic Systems, Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is the present assignee of an invention in the name of "Automated Circuit Design Case Management" for which application serial number 08/644,618 for a United States Patent was filed on May 1, 1996, and for which U.S. Patent No. 5,850,348 was granted on December 15, 1998; and

WHEREAS, Innoveda, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, Viewlogic Systems, Inc., does sell, assign, transfer and set over unto the said Innoveda, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to Innoveda, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS MY HAND at Marlboro, Massachusetts, this 22 day of August, 2000.



Peter T. Johnson  
Vice President, Business Development

STATE OF MASSACHUSETTS )  
 ) ss.  
COUNTY OF )  
 )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, \_\_\_\_\_, a Notary Public, personally appeared Peter T. Johnson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
NOTARY PUBLIC


### ASSIGNMENT

WHEREAS, Viewlogic Systems, Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is the present assignee of an invention in the name of "Automatic Constraint Based Generation and Verification on Signal Integrity and Timing Analysis Results" for which application serial number 08/868,298 for a United States Patent was filed on June 3, 1997; and

WHEREAS, Innoveda, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

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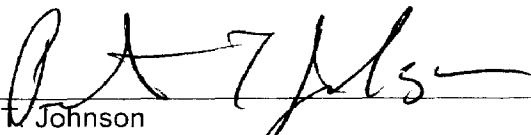
### ASSIGNMENT

WHEREAS, Viewlogic Systems, Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is the present assignee of an invention in the name of "Displaying Numerical Data in Various Colors Based Upon Their Relative Contribution to the Whole" for which application serial number 08/988,658 for a United States Patent was filed on December 11, 1997, and for which U.S. Patent No. 6,100,900 was issued on August 8, 2000; and

WHEREAS, Innoveda, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, Viewlogic Systems, Inc., does sell, assign, transfer and set over unto the said Innoveda, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to Innoveda, Inc., its successors and assigns, in accordance with this Assignment.

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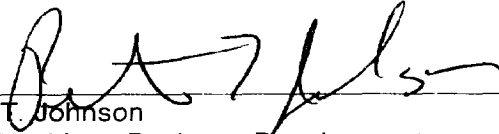
**ASSIGNMENT**

WHEREAS, Viewlogic Systems, Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is the present assignee of an invention in the name of "Automatic Behavioral Model Generation Through Physical Component Characterization and Measurement" for which application serial number 09/027,950 for a United States Patent was filed on February 23, 1998, and for which U.S. Patent No. 6,102,960 was issued on August 15, 2000; and

WHEREAS, Innoveda, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

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WITNESS my hand and official seal.

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WHEREAS, Viewlogic Systems, Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is the present assignee of an invention in the name of "Method and System for Determining Printed Circuit Board Construction Parameters" for which application serial number 09/050,671 for a United States Patent was filed on March 20, 1998; and

WHEREAS, Innoveda, Inc., a corporation organized under the laws of the State of Delaware, having a place of business at 293 Boston Post Road West, Marlboro, Massachusetts 01752, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

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