

03-19-1999

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PATENT



100988271

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Name (line 1)	Execution Date		
	Month	Day	Year
L. Richard Carley	3	5	99

Second Party

Name (line 1)	Execution Date		
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Ram K. Krishnamurthy	3	3	99

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Name (line 2)		
Address (line 1)	5000 Forbes Avenue	
Address (line 2)		
Address (line 3)	Pittsburgh	15213
	City	Zip Code

Domestic Representative Name and Address

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PATENT
REEL: 9818 FRAME: 0731

Correspondent Name and Address

Area Code and Telephone Number (412) 355-6342

Name Mark G. Knedeisen

Address (line 1) Kirkpatrick & Lockhart LLP

Address (line 2) 1500 Oliver Building

Address (line 3) Pittsburgh, PA 15222

Address (line 4)

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6

Application Number(s) or Patent Number(s)

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

Patent Application Number(s)

09/229953

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)

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1

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Name (line 1) Akshay Aggarwal

Execution Date
Month Day Year
3 7 99

Name (line 2)

Name (line 1) Herman H. Schmit

Execution Date
Month Day Year
3 9 99

Name (line 2)

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

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Address (line 1)

Address (line 2)

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Name (line 2)

Address (line 1)

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Patent Application Number(s)

Patent Number(s)

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
 ☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>L. Richard Carley</u> (type or print name of inventors)	<u>Glen Mitchell Road</u> <u>Sewickley, PA 15143</u> Address	<u>U.S.A.</u> Nationality
<u>Ram K. Krishnamurthy</u>	<u>772 NW Autumn Creek Way, #205</u> <u>Beaverton, OR 97006</u>	<u>India</u>
<u>Akshay Aggarwal</u>	<u>5725 Phillips Avenue, #2</u> <u>Pittsburgh, PA 15217 India/U.S. Perm. Resident</u>	
<u>Herman H. Schmit</u>	<u>5341 Becker Street</u> <u>Pittsburgh, PA 15217</u>	<u>U.S.A.</u>
<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>

hereby sells, assigns and transfers to

ASSIGNEE:

Carnegie Mellon University
(type or print name of ASSIGNEE)

5000 Forbes Avenue
Address

(a non-profit Pennsylvania organization)
Nationality

Pittsburgh, PA 15213

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

MULTIPLE POWER SUPPLY CIRCUIT ARCHITECTURE

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on _____

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

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Mailed: _____

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) ☒ U.S. application no.: 09/229,953 filed on January 13, 1999

(e) ☐ International application no. PCT / _____ / _____
filed on _____

(f) ☐ U.S. patent no. _____ issued _____

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any

(Assignment of Invention--Multiple Inventors [16-3.2]--page 2 of 3)

PATENT
REEL: 9818 FRAME: 0735

continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

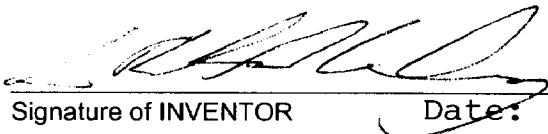
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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____ Date of signing


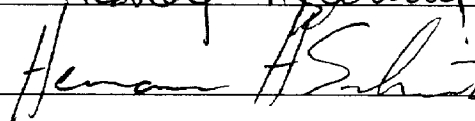
WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

L. Richard Carley
(type name of Inventor)


Signature of INVENTOR Date: 3/5/99

Ram K. Krishnamurthy

Akshay Aggarwal



3/7/99
3/9/99

Herman H. Schmit

☐ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Attorney's Docket No. 99004

PATENT

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For: ☒ U.S. Application or
☐ U.S. Provisional Application
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Akshay Aggarwal

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Pittsburgh, PA 15217 India/U.S. Perm. Resident

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5341 Becker Street
Pittsburgh, PA 15217 U.S.A.

(Assignment of Invention--Multiple Inventors [16-3.2]--page 1 of 3)

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(Assignment of Invention--Multiple Inventors [16-3.2]--page 2 of 3)

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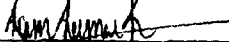
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(Assignment of Invention - Multiple Inventors [16-3.2] - page 2 of 3)