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## U.S. DEPARTMENT OF COMMERCE

**VER SHEET** 

Patent and Trademark Office Docket No. 274/063

19535-7192

	19535-7192
	e record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Sanjeev Saluja	N G L D L G L Y
Anmol Mathur	Name: Cadence Design Systems, Inc.
	Address: 2655 Seely Avenue
<b>—</b>	City: San Jose State: CA
☐ Individual(s) ☐ Association	Zip Code: <b>95134</b>
☐ General Partnership ☐ Limited Partnership	
☐ Corporation-State ☐ Other	11 0
	11-25-02
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	
3. Nature of conveyance:	
	Additional name(s) & address(es) attached? ☐ Yes ☒ No
✓ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	e5
Other:	<b>T</b> 3
Execution Dates: October 29, 2002 and November 6, 2002	A Company of the Comp
4. Application number(s) or patent number(s): 10/172,941	
Teat 1	ion data of the combination is:
If this document is being filed with a new application, the executi	ion date of the application is:  B. Patent No.(s):
A District No. (2)	P. Petert No (a)
A. Patent Application No.(s):	B. Patent No.(s):
A 1176 and annual annual and a T Mar III Ma	B. Patent No.(s):
Additional numbers attached? ☐ Yes 🗷 No	O. (2)
5. Name and address of party to whom correspondence concerning	6. Total number of applications and patents involved: 1
document should be mailed:	of four number of approximations and parents involved a
document should be marica.	7. Total fee (37 C.F.R. § 3.41): \$40.00
Peter C. Mei	7. Total 100 (57 C.1.1.C. § 5.11). \$ 10.00
Bingham McCutchen LLP	☐ Enclosed
Three Embarcadero, Suite 1800	Authorized to be charged to deposit account no. 50-1189,
San Francisco, CA 94111-4067	referencing Attorney Docket No. 274/063, billing ref.
Sali Tulicisco, Or 54111 1007	19535-7192
	8. Deposit account number: 50-1189
The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may	
	THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information	on is true and correct and any attached copy is a true copy of the
original document.	
-	
<del>-                                   </del>	/ U 1/4 A-
Name: Erin C. Ming	Date: 11-18-02
Registration No. 47,797 Signature	
Total number of pages comprising cov	ver sheet, attachments and document: 7
Mail documents to be recorded with	required cover sheet information to:
	Trademark Office
Office of Pu	iblic Records
X4 NTVINE	signments
C: -+-1 C-+	ay 4, Room 335
	, D.C. 20231
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Attorney Docket: 274/063

## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, SANJEEV SALUJA, a citizen of INDIA, and ANMOL MATHUR, a citizen of INDIA (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled PROCEDURE FOR OPTIMIZING MERGEABILITY AND DATAPATH WIDTHS OF DATA FLOW GRAPHS for which application for Letters Patent of the United States of America has been filed on June 17, 2002, assigned Serial No. 10/172,941; and

WHEREAS, CADENCE DESIGN SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the DELAWARE and having its place of business at 2655 Seely Avenue, San Jose, California 95134 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal

PATENT REEL: 013522 FRAME: 0270

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equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my	hand at		
, tł	nis <u>29</u> day of <u>6</u>	tober Exals	, 2002
		SANJEEV SALUJA	
STATE OF			
COUNTY OF	, )		
On	before me,	, personally app	peared
be the person(s) whose	e name(s) is/are subscri	proved to me on the basis of satisfactory evented to the within instrument and acknowledge their authorized capacity(ies), and that by his	ged to me

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signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my	hand and official seal.	
		Notary Public in and for said County and State
WITNESS my	hand at	
California, this	day of	, 2002.
		ANMOL MATHUR
STATE OF		
COUNTY OF	) 88	
On	before me,	, personally appeared
be the person(s) whose that he/she/they execut	e name(s) is/are subscribe ted the same in his/her/th trument the person(s), or	proved to me on the basis of satisfactory evidence to ed to the within instrument and acknowledged to me heir authorized capacity(ies), and that by his/her/their the entity upon behalf of which the person(s) acted,
WITNESS my	hand and official seal.	
		Notary Public in and for said County and State

Attorney Docket: 274/063

## ASSIGNMENT OF PATENT APPLICATION

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WHEREAS, CADENCE DESIGN SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the DELAWARE and having its place of business at 2655 Seely Avenue, San Jose, California 95134 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal

PATENT REEL: 013522 FRAME: 0273

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equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

		,	
			SANJEEV SALUJA
STATE OF			
COUNTY OF		) ss )	
On		before me,	, personally appeared
be the person(s) v	vhose nam	e(s) is/are subscrib	proved to me on the basis of satisfactory evidence to ed to the within instrument and acknowledged to me heir authorized capacity(ies), and that by his/her/their

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signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

		Notary Public in and for said Cour	nty and State
WITNESS my hand at _	SAN JOSE,	CA	,
California, this6 harday of	November		, 2002.
, <u>—</u>		Annal Malher	
		ANMOL MATHUR	

STATE OF CALIFORNIA COUNTY OF SANTA CLARA

On 11-6-02 before me, Judith Featherstone, personally appeared Annol Mathur

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said County and State

JUDITH FEATHERSTONE Commission # 1234751 Notary Public - California 3 Santa Clara County

RECORDED: 11/25/2002

PATENT REEL: 013522 FRAME: 0275