05-14-2002 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office RECORI Docket No. 272/202, 272/203. 272/204, 272/205, 272/215, 272/216, 272/217, 272/219 To the Honorable Commissioner of Patents and Trauemans. Please record the attached original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party: Cadence Design Systems, Inc. Name: Quickturn Design Systems, Inc. 5-7-02 Additional name(s) of conveying party(ies) attached? Internal Address: ☐ Yes ☒ No Nature of conveyance: _____State: ____ Zip: ☐ Merger ☐ Security Agreement Change of Name Street Address: 2655 Seely Avenue Building 11 Other _____ City: San Jose __State CA 95134 Additional name(s) & address(es) attached?

Yes

No Execution Date: April 22, 2002 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No(s).: B. Patent No(s).: 6,051,030 5,551,013, 5,946,472, 6,035,117, 5,622,520, 5,604,665, 5,761,488 and 4,914,612 Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved: 8 Name and address of party to whom correspondence concerning document should be mailed: Name: Jeffrey A. Miller 7. Total fee (37 CFR 3.41): \$ 320.00 Internal Address: LYON & LYON LLP 633 West Fifth Street, Suite 4700 Charge this Deposit Account if any additional fee is Los Angeles, CA 90071-2066 required Deposit Account Number: 12-2475 DO NOT USE THIS SPACE 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 focument. Date: April 25, 2002 Total number of pages including cover sheet: 3 OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT OF PATENTS

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 94134 ("CADENCE"), owns of all right, title and interest in the following United States Patents ("the Patents"):

Patent	Date Issued	Inventors	Title
6,051,030	04-18-00	Beausoleil, W.F., et al	Emulation Module Having Planar Array Organization
5,551,013	08-27-96	Beausoleil, W.F., et al	Multiprocessor for Hardware Emulation
5,946,472	08-31-99	Graves, J., et al	Apparatus and Method for Performing Behavioral Modeling in Hardware Emulation and Simulation Environments
6,035,117	03-07-00	Beausoleil, W.F., et al	Tightly Coupled Emulation Processors
5,622,520	04-22-97	Dutka, P., et al	High Density Board Connector Attachment
5,604,665	02-18-97	Chrysler, G., et al.	Multiple Parallel Impingement Flow Cooling with Tuning
5,761,488	06-02-98	Donath, W., et al	Logic Translation Method for Increasing Simulation Emulation Efficiency
4,914,612	04-03-90	Beece, et al	Massively Distributed Simulation Engine

Whereas QUICKTURN 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

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Avenue, San Jose, California 94134 ("QUICKTURN"), is desirous of acquiring the entire right, title and interest in the Patents;

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CADENCE hereby sells, assigns, transfers and sets over unto QUICKTURN, its successors and assigns, the full and exclusive right, title and interest to the inventions claimed and/or disclosed in the Patents, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for the inventions claimed and/or disclosed in the Patents, 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; the Patents to be held and enjoyed by QUICKTURN for its own use and behalf, and for OUICKTURN'S legal representatives and assigns, to the full end of the term for which the Patents are granted, as fully and entirely as the same would have been held by CADENCE had this assignment and sale not been made.

Executed this 22Nd day of A	<i>April</i> , 2002, at
	My-keil
J	R.L. Smith McKeithen
5	Secretary, CADENCE DESIGN SYSTEMS, INC.
	CADENCE DESIGN SYSTEMS, INC.
STATE OF CALIFORNIA)	·
) ss	
COUNTY OF SANTA CLARA)	
On 4/22/02 before me, Joyce	M , B rock, personally appeared known to me - OR - \square proved to me on the basis
of satisfactory evidence to be the person(s) with instrument and acknowledged to me that he/si	hose name(s) is/are subscribed to the within he/they executed the same in his/her/their heir signature(s) on the instrument the person(s), or
WITNESS my hand and official seal.	Joke M. Brak
JOYCE M. BROCK Commission # 1229814 Notary Public California	Notary Public in and for said County and State

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