12-15-2003 U.S. DEPARTMENT OF COMMERCE Form **PTO-1595** U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (4xp. 6/30/2005) RE(CET 192622768Lv Docket No. 2019535-7016672001 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Name: CADENCE DESIGN SYSTEMS, INC. 1. Louis K. Scheffer Internal Address: ☐ Association Individual(s) ☐ Limited Partnership General Partnership Street Address: 2655 Seely Avenue Corporation-State □ Other Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No City: San Jose State: CA Zip Code: 95134 3. Nature of conveyance: Additional name(s) & address(es) attached? ☐ Yes ☑ No □ Merger \mathbf{x} Assignment ☐ Change of Name Security Agreement Other: Execution Dates: September 19, 2003 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: N/A A. Patent Application No.(s): 10/660,986 B. Patent No.(s): Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: Total fee (37 C.F.R. § 3.41): \$40.00 Peter C. Mei Bingham McCutchen LLP □ Enclosed Authorized to be charged to deposit account, referencing Three Embarcadero, Suite 1800 San Francisco, CA 94111-4067 billing no. CA7016672001 8. Deposit account number: 50-2518 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 50-2518 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 document. Name: Jeffrey S. Smith Registration No. 39,377 Total number of pages including cover sheet, attachments, and document: 4 Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director of the U.S. Patent and Trademark Office 10660986 12/15/2003 LYHELLER 00000020 502518 P.O. Box 1450

Alexandria, VA 22313-1450

PA:52123614.1/2019535-7016672001 / CAD:02-061US

40.00 DA

01 FC:8021

PATENT REEL: 014778 FRAME: 0712

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, LOUIS K. SCHEFFER, a citizen of the United States of America, (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled AUTOMATIC INSERTION OF CLOCKED ELEMENTS INTO AN ELECTRONIC DESIGN TO IMPORVE SYSTEM PERFORMANCE for which application for Letters Patent of the United States of America has been executed on even date herewith; and

WHEREAS, CADENCE DESIGN SYSTEMS, INC., a corporation organized and existing under and by virtue of the laws of the state of 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 therefore 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, ASSIGNOR hereby sells, assigns, transfers and sets 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;

PA:52117662.1/2019535-7016672001

9/10/03 6:08 PM

and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademark and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Agreement.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenants 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 ASSIGNOR 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

2

said equivalents in the United States or in any foreign county, which may be necessary or desirable to carry out the purpose thereof. WITNESS my hand at <u>Son Jose</u> (A), this 19th day of <u>September</u>, 2003. STATE OF <u>CALIFORNIA</u>) ss COUNTY OF <u>SANTA CLARA</u>) On <u>SepTember 19,2003</u> before me, <u>Judith Featherstone</u>, personally appeared <u>Louis K. Scheffer</u> \not personally known to me – **OR-** \square 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



RECORDED: 12/11/2003