PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------|----------------|
| TARAY INC. | 06/10/2011 |

RECEIVING PARTY DATA

| Name: | CADENCE DESIGN SYSTEMS, INC. |
|-----------------|------------------------------|
| Street Address: | 2655 Seely Avenue |
| City: | San Jose |
| State/Country: | CALIFORNIA |
| Postal Code: | 95134 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12351584 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 10PA054US01P02/4997P

NAME OF SUBMITTER: Joseph A. Sawyer, Jr.

Total Attachments: 1

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PATENT REEL: 026455 FRAME: 0702 CH \$40.00 123515

Docket No: 10PA054US01P02/4997P

<u>ASSIGNMENT</u>

For good and valuable consideration, the receipt of which is hereby acknowledged,

TARAY INC., having a principal place of business at 2655 Seely Avenue, San Jose, CA 95134

("Assignor"), hereby grants and assigns to CADENCE DESIGN SYSTEMS, INC., having a

principal place of business at 2655 Seely Avenue, San Jose, CA 95134 ("Assignee"), all right,

title and interest in and to the inventions or improvements set forth in U.S. Application Serial No.

12/351,584, entitled SYSTEM AND METHOD FOR I/O SYNTHESIS AND FOR ASSIGNING I/O

TO PROGRAMMABLE DEVICES, filed January 9, 2009; and in and to said application and all

divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent

which have been or shall be filed in the United States and all foreign countries on any of said

improvements; and in and to all original and reissued patents which have been or shall be

issued in the United States and all foreign countries on said improvements; and in and to all

rights of priority resulting from the filing of said United States application.

IN WITNESS WHEREOF, ASSIGNOR has caused this Patent Assignment to be duly

signed on its behalf.

TARAY INC.

Oate

James J. Cowie

Director

PATENT REEL: 026455 FRAME: 0703

RECORDED: 06/16/2011