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To the Director of the U.S. Patent and Trademark Office

Use new address(es) below.

1. Name of conveying party(ies)

Tyco Electronics Corporation

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) February 1, 2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: oki Electric Industry Co., Ltd.

Internal Address: _____

Street Address: 7-12 Toranomon 1-chome

City: Minato-ku

State: Tokyo

Country: Japan Zip: 105-8460

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6,456,511

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Junichi Mimura

Internal Address: OKI America, Inc.

Street Address: 1101 14th Street, N.W.

Suite 555

City: Washington

State: DC Zip: 20005

Phone Number: (202) 452-6190

Fax Number: (202) 452-6148

Email Address: jmimura@speakeasy.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-0945

Authorized User Name OKI America, Inc.

9. Signature: [Signature]
Signature

February 21, 2007
Date

Junichi Mimura
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF UNITED STATES LETTERS PATENT

WHEREAS Tyco Electronics Corporation of 2901 Fulling Mill Road, Middletown, Pennsylvania U. S. A., hereinafter referred to collectively as the assignor, has obtained the U.S. patent rights to a certain invention relating to Start-up circuit for flyback converter having secondary pulse width modulation, claimed in U.S. patent no. 6,456,511, which issued on September 24, 2002,

AND WHEREAS Oki Electric Industry Co., Ltd. of 7-12, Toranomom 1-chome, Minato-ku, Tokyo, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title, and interest in and to said U.S. patent,

NOW WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt and sufficiency of which is hereby acknowledged, said assignor hereby assigns, sells, and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title, and interest in and to said U.S. patent; said assignee, and said assignee's successors and assigns, to have, hold, exercise, and enjoy said U.S. patent, with all the rights, powers, privileges, and advantages in any way arising from or appertaining thereto, for and during the term or terms of said U.S. patent, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as said assignor might or could have held and enjoyed the same, if this assignment had not been made.

EXECUTED, this 1st day of February, 2007

WITNESSES:

ASSIGNOR: Tyco Electronics Corporation

Signature: S. MorrisSignature: AB SmithName: S. MORRISName: A.B. SmithAddress: 40308 CONSTITUTION DRIVE, MENLO PARK, CATitle: VP CIRCUIT PROTECTIONSignature: Shirley ChristensenSignature: Marguerite E. GershtenName: Shirley ChristensenName: Marguerite E. GershtenAddress: 40307 Constitution Dr. Menlo Park, CA 94025Title: Assistant SecretarySignature: Kathy C. McGeeName: Kathy C. McGeeAddress: 40307 Constitution Drive Menlo Park, CA 94025

Oki America, Inc, Washington, DC Office

PATENT

RECORDED: 02/21/2007

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