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FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

EET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket No. 267.00110101



103303074

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Ilavarasan Palaniappa
2. Mickiel P. Fedde
3. Ranjit Raghunath Patil
4. Meghann Fedde
5. Sultan Mahmood Faiz

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ License
- ☐ Other _____

Execution Date: 23 August 2006

2. Name and address of receiving party(ies):

Name: Ironwood Electronics, Inc.

Street Address: 11351 Rupp Drive, Suite 400

City: Burnsville State: MN ZIP: 55337Additional name(s) & address(es) attached? ☐ Yes ☒ No

112948 U.S. PTO

11/511760



082906

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: 23 August 2006

A. Patent Application No(s).

B. Patent No(s).

Title: **PACKAGED DEVICE ADAPTER WITH TORQUE INDICATING ASSEMBLY**Additional numbers attached? ☐ Yes ☒ No

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

Name: Mark J. Gebhardt

Address: MUETING, RAASCH & GEBHARDT, P.A.
P.O. Box 581415
Minneapolis, MN 55458-1415

Customer Number 26813

6. Total number of applications and patents involved: 17. Total fee (37 CFR §3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is an original or a true copy of the original document.

Mark J Gebhardt Reg. No. 35,518

Name of Person Signing

Signature

Date

29 August 2006Total number of pages including cover sheet, attachments, and document(s): 4~~09/06/2006 HJANA1 00000010 134895 11511760~~

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40.00 documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
 Director, United States Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

PATENT

REEL: 018256 FRAME: 0702

ASSIGNMENT

Whereas We, Ilavarasan Palaiappa, Mickiel P. Fedde, Ranjit Raghunath Patil, Meghann Fedde, and Sultan Mahmood Faiz, with residences and citizenships as indicated below; have made an invention in

PACKAGED DEVICE ADAPTER WITH TORQUE INDICATING ASSEMBLY

Filing Date: Herewith

Serial No.: Unassigned

and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Ironwood Electronics, Inc. ("Company"), a corporation of Minnesota, having its principal office at 11351 Rupp Dr, Suite 400, Burnsville, Minnesota, 55337, United States of America, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Ironwood Electronics, Inc. as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

PM Ilavarasan

8/23/06

Name: Ilavarasan Palaniappa

Date

Address: 14168 Heywood Path, Apple Valley, Minnesota 55124 United States of America

Citizenship: India

STATE OF Minnesota)
) ss.
COUNTY OF Dakota)

On this 23 day of August 2006, before me personally appeared Ilavarasan Palaniappa, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Logan N. Olafson
Notary Public



Assignment

Page 2 of 3

Serial No. Unassigned

Filed: Herewith

For: PACKAGED DEVICE ADAPTER WITH TORQUE INDICATING ASSEMBLY

Mickiel P. Fedde

8/23/06

Name: Mickiel P. Fedde

Date

Address: 1662 Norwood Drive, Eagan, Minnesota 55122 United States of America

Citizenship: United States of America

STATE OF Minnesota)

COUNTY OF Dakota) ss.

On this 23 day of August 2006, before me personally appeared Mickiel P. Fedde, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

[Signature]
Notary Public



Ranjit R. Patil

8/23/06

Name: Ranjit R. Patil

Date

Address: 10950 Lexington Drive, Eden Prairie, Minnesota, 55344 United States of America

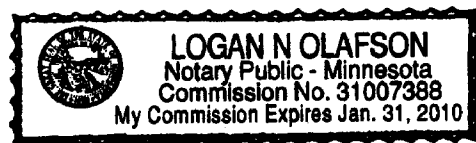
Citizenship: India

STATE OF Minnesota)

COUNTY OF Dakota) ss.

On this 23 day of August 2006, before me personally appeared Ranjit R. Patil, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

[Signature]
Notary Public



PATENT

REEL: 018256 FRAME: 0704

Assignment

Page 3 of 3

Serial No. Unassigned

Filed: Herewith

For: PACKAGED DEVICE ADAPTER WITH TORQUE INDICATING ASSEMBLY

Meghann Fedde 8/23/06
Name: Meghann Fedde Date
Address: 5320 37th Avenue South, Minneapolis, Minnesota 55417 United States of America
Citizenship: United States of America

STATE OF Minnesota)
COUNTY OF Dakota) ss.

On this 23 day of August 2006, before me personally appeared Meghann Fedde, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Logan N Olafson
Notary Public



Sultan Mahmood Faiz 8/23/06
Name: Sultan Mahmood Faiz Date
Address: 1240 St. Clair Avenue, Apt. 3, St. Paul, Minnesota 55105, United States of America
Citizenship: United States of America

STATE OF Minnesota)
COUNTY OF Dakota) ss.

On this 23 day of August 2006, before me personally appeared Sultan Mahmood Faiz, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Logan N Olafson
Notary Public

