

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hidehito KUBO	03/31/2009
Masahiko KIMBARA	03/31/2009
Keiji TOH	03/31/2009
Kota OTOSHI	03/31/2009
Eiji KONO	03/31/2009
Katsufumi TANAKA	03/31/2009
Nobuhiro WAKABAYASHI	03/25/2009
Shintaro NAKAGAWA	03/25/2009
Yuichi FURUKAWA	03/25/2009
Shinobu YAMAUCHI	03/25/2009

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Street Address:	2-1, Toyoda-cho, Kariya-shi
City:	Aichi-ken
State/Country:	JAPAN

Name:	SHOWA DENKO K. K.
Street Address:	13-9, Shiba Daimon 1-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8518

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11922945

CORRESPONDENCE DATA

500833541

PATENT
REEL: 022539 FRAME: 0326

CH \$40.00 11922945

Fax Number: (212)303-2754

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-415-8600

Email: ptopatentcommunication@lockelord.com

Correspondent Name: Locke Lord Bissell & Liddell LLP Attn: I

Address Line 1: Three World Financial Center

Address Line 4: New York, NEW YORK 10281-2101

ATTORNEY DOCKET NUMBER:

5000-5434

NAME OF SUBMITTER:

Steven F. Meyer

Total Attachments: 3

source=5000-5434-Assignment#page1.tif

source=5000-5434-Assignment#page2.tif

source=5000-5434-Assignment#page3.tif

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

↑CUSTOMER NUMBER↑

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

<p>1. Name of conveying party(ies):</p> <p>Hidehito KUBO, Masahiko KIMBARA, Keiji TOH, Kota OTOSHI, Eiji KONO, Katsufumi TANAKA, Nobuhiro WAKABAYASHI, Shintaro NAKAGAWA, Yuichi FURUKAWA, and Shinobu YAMAUCHI</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>KABUSHIKI KAISHA TOYOTA JIDOSHOKKI</u> Address: <u>2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan</u></p> <p>Name: <u>SHOWA DENKO K. K.</u> Address: <u>13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518, Japan</u></p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment</p> <p><input type="checkbox"/> Other</p> <p>Execution Date(s): <u>March 25, 2009 (for Wakabayashi, Nakagawa, Furukawa, and Yamauchi) and March 31, 2009 (for Kubo, Kimbara, Toh, Otoshi, Kono and Tanaka)</u></p>	<p>4. Patent Application number(s)</p> <p>11/922945</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name:</p> <p>Steven F. Meyer Locke Lord Bissell & Liddell LLP</p> <p>Address:</p> <p>3 World Financial Center New York, New York 10281-2101 Telephone: 212-415-8600 Facsimile: 212-303-2754</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> A check in the amount of _____ is enclosed.</p> <p><input checked="" type="checkbox"/> Charge to Deposit Account No. <u>50-4827</u>, Order No. <u>1004378.54340</u>.</p> <p><input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account <u>50-4827</u>, Order No. <u>1004378.54340</u>.</p>

DO NOT USE THIS SPACE

8. 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 original document.

Name of Person Signing

Steven F. Meyer

Signature

Steven F. Meyer

Date:

April 13, 2009Reg. No. 35,613Total no. of pages including cover sheet, attachments and document: 2

DO NOT DETACH THIS PORTION

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

Mail Stop Assignment Recordation Services
Director of the U.S. Patent & Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, DC 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, DC 20503.

NY:1004378/54340:602329v1

**PATENT
REEL: 022539 FRAME: 0328**

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) jointly to

1. **KABUSHIKI KAISHA TOYOTA JIDOSHOKKI** which has a business office at 2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan,

2. **SHOWA DENKO K.K.** which has a business office at 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 Japan

(hereinafter referred to as "ASSIGNEES"), the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

HEAT SINK FOR POWER MODULE

(File No. _____) for which I(we) have executed an application for a United States Letters Patent on March 25, and 31, 2008.
(Application Serial No. 11/922,945 filed on December 27, 2007.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEES.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Hidehito Kubo Date: March 31, 2008
Name: Hidehito KUBO

2) Masahiko Kimbara Date: March 31, 2008
Name: Masahiko KIMBARA

3) Keiji Toh Date: March 31, 2008
Name: Keiji TOH

4) Kota Otoshi Date: March 31, 2008
Name: Kota OTOSHI

5) Eiji Kono Date: March 31, 2008
Name: Eiji KONO

6) Katsufumi Tanaka Date: March 31, 2008
Name: Katsufumi TANAKA

7) Nobuhiro Wakabayashi Date: March 25, 2008
Name: Nobuhiro WAKABAYASHI

8) Shintaro Nakagawa Date: March 25, 2008
Name: Shintaro MAKAGAWA

9) Yuichi Furukawa Date: March 25, 2008
Name: Yuichi FURUKAWA

10) Shinobu Yamauchi Date: March 25, 2008
Name: Shinobu YAMAUCHI

Witness: Hidetaka Terai Date: March 31, 2008

Witness: Hidetaka Terai Date: March 25, 2008