

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Hiroshi HIBINO | 11/30/2010 |
| RECEIVING PARTY DATA | |
| Name: | DAIKIN INDUSTRIES, LTD. |
| Street Address: | Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku |
| City: | Osaka-shi, Osaka |
| State/Country: | JAPAN |
| Postal Code: | 530-8323 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13393562 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)205-8050 |
| Phone: | 703-205-8000 |
| Email: | mailroom@bskb.com, morgans@bskb.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: | Birch, Stewart, Kolasch & Birch, LLP. |
| Address Line 1: | P. O. Box 747 |
| Address Line 4: | Falls Church, VIRGINIA 22040-0747 |
| ATTORNEY DOCKET NUMBER: | 4633-0471PUS1 |
| NAME OF SUBMITTER: | D. Richard Anderson |
| Total Attachments: 2 source=2012-03-05 Assignment 4633-0471PUS1#page1.tif source=2012-03-05 Assignment 4633-0471PUS1#page2.tif | |

OP \$40.00 13393562

Attorney Docket No. 4633-0471PUS1**ASSIGNMENT**

WHEREAS, Hiroshi HIBINO
 (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements
 in PHASE CURRENT DETECTION DEVICE AND POWER CONVERSION DEVICE USING
THE SAME for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on
3/1/2012 having Serial No. 13/393,562; or
- (b) executed an application for Letters Patent of the United States of America on the date(s)
 indicated below; and

WHEREAS, DAIKIN INDUSTRIES, LTD. of
Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, Japan
 its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is
 desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters
 Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in
 hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the
 undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer
 unto the Assignee the full and exclusive right to the said invention in the United States of America and
 its territories and for all foreign countries, dependencies and possessions and the entire right, title and
 interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the
 United States of America and its territories, dependencies and possessions, and in and to any and all
 divisions, reissues, continuations and extensions thereof for the full term or terms for which the same
 may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application
 and any continuing, divisional or reissue applications thereof and also to execute separate assignments
 in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference
 which may be declared concerning this application or any continuation, division or reissue thereof or
 Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way
 possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which
 may be necessary in connection with claims under or provisions of the International Convention for the
 Protection of Industrial Property or similar agreements.

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: November 30, 2010, 日比野 寛
Hiroshi HIBINO

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____

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