

10-16-2002

Attorney Docket No.: 018842.1219

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To the Honorable Commissioner for Patent

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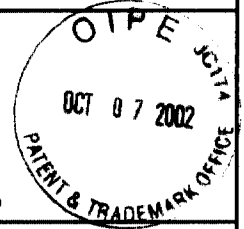
ment(s) or copy(ies) thereof.

1. Name of Conveying Party(ies):

Makoto Shibuya

Norimasa Takano

10-7-02



Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Sanden Corporation

Address: 20 Kotobuki-cho,

Isesaki-shi,

Country: Gunma 372-8502, JAPAN

Additional name(s) and address(es) attached?

☐ Yes☒ No

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Verified Translation☐ Security Agreement☐ Other: _____Execution Date: **August 20, 2002**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is: _____

A. Patent Application No(s):10/223,609B. Patent No(s):

Others on additional sheet(s) attached?

☐ Yes☒ No

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

James B. Arpin

Baker Botts L.L.P.

The Warner; Suite 1300

1299 Pennsylvania Avenue, N.W.

Washington, D.C. 20004-2400

(202) 639-7700 (telephone)

(202) 639-7890 (facsimile)

6. Total number of applications and patents involved:

Application(s): 1+ Patent(s): 0= Total: 17. Total Fee (37 C.F.R. § 3.41) \$ **40.00**☒ Enclosed☐ Authorized to be charged to Deposit Account8. Deposit Account No.: **02-0375**

(Duplicate copy of this sheet attached)

☒ Charge any underpayment or credit any overpayment to above Deposit Account

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9. 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 the original document.

James B. Arpin

Name of Person Signing

Signature

10/07/02

Date

Total number of pages including cover sheet, attachments, and document:

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40.00 OP

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Attorney Docket No.: 018842.1219

ASSIGNMENT

WHEREAS, WE, Makoto Shibuya, and Norimasa Takano, citizens of Japan, have invented certain new and useful improvements in:

METHODS AND APPARATUS FOR CONTROLLING BRUSHLESS MOTORS

described in an application for United States Letters Patent executed on August 20, 2002, or filed on August 20, 2002 and accorded Application No. 10/223,609;

AND, WHEREAS, Sanden Corporation, a corporation organized under the laws of Japan, located at 20 Kotobuki-cho, Isesaki-shi, Gunma 372-8502, Japan, (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, and in and to any and all Letters Patent, including extensions thereof, which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our attorneys, Baker Botts L.L.P., whose address is The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400, to insert above, the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

BAKER BOTTS L.L.P.
THE WARNER, SUITE 1300
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AND WE do hereby authorize and request the Director of the United States Patent and Trademark Office to issue any and all Letters Patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

August 20, 2002

Date

Makoto Shibuya

Makoto Shibuya

WITNESSES:

Tadashi KoshimizuAugust 20, 2002

Date

Norimasa Takano

Norimasa Takano

WITNESSES:

Tadashi Koshimizu

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TOTAL P.42