

07-17-2009

1 SHEET

Our Ref.: 925-406



103567655

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

7-14-09

1. Name of conveying party(ies):

1 Hiroshi UENO	5 Alexei VINOGRADOV
2 Kazutoshi TODA	6
3 Kazuya SUZUKI	7
4 Satoshi HASHIMOTO	8

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:

Assignment  Merger

Security Assignment  Change of Name

Other \_\_\_\_\_

Execution Date: October 7, 2008, October 10, 2008,  
October 8, 2008, January 19, 2009 and  
January 22, 2009, respectively

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

1) Name: JTEKT Corporation  
Street Address: 5-8, Minamisemba 3-chome, Chuo-ku  
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State/Country: Japan Zip: 542-8502

2) Name Satoshi HASHIMOTO  
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City: Kyoto-shi, Kyoto  
State: Japan Zip: 612-8031

Additional name/s & address/es attached?  Yes  No

4. Application number(s) or patent number(s):  This assignment is being filed together with a new application.

A. Patent Application No(s).  
(1) 12/301,347  
(2)  
(3)

B. Patent No(s).  
(1)  
(2)  
(3)

Additional numbers attached  Yes  No

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our **Account No. 14-1140.**

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

Name: H. Warren Burnam, Jr.

Internal Address: \_\_\_\_\_

Street Address: Nixon & Vanderhye P.C.  
901 North Glebe Road  
11th Floor

City: Arlington State: VA Zip: 22203

**DO NOT USE THIS SPACE**

9. Statements 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.

H. Warren Burnam, Jr.      *H. Warren Burnam, Jr.*      07/16/2009 DBYRNE 00000006 12301347  
Name of Person Signing      Signature      01 FC:0021      July 13, 2009 10:00 AM  
Reg. No. 29,366      Date

Total number of pages including **original** cover sheet, attachments, and document: [4]

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RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref: 925-406

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
9  
10  
11  
12  
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14  
15  
16

3) Name: Alexei Vinogradov  
Street Address: 6-17-14-305, Karita, Sumiyoshi-ku  
City: Osaka-shi, Osaka  
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Zip: 558-0011

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

A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8)
(9)	(9)

**ASSIGNMENT OF U.S. PATENT APPLICATION**

(Inventors) Hiroshi UENO, Kazutoshi TODA, Kazuya SUZUKI  
Satoshi HASHIMOTO, Alexei VINOGRADOV

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignees) (1) **JTEKT Corporation, a corporation of Japan**  
 (2) **Satoshi HASHIMOTO**  
 (3) **Alexei VINOGRADOV**

(Addresses) (1) **5-8, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-8502 Japan**  
 (2) **1-1-219, Matsudaira-chikuzen, Momoyama-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8031 Japan**  
 (3) **6-17-14-305, Karita, Sumiyoshi-ku, Osaka-shi, Osaka 558-0011 Japan**

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) ACOUSTIC EMISSION DETECTOR AND CONTROLLER

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on Oct. 7, 2008, Oct. 10, 2008, Oct. 8, 2008, or has already filed U.S. application Serial No. \_\_\_\_\_ on Jan. 19, 2009 and Jan. 19, 2009, respectively

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date Oct 7, 2008 Signature of inventor

Hiroshi Ueno  
Hiroshi UENO

Date Oct 10, 2008 Signature of inventor

Kazutoshi Toda  
Kazutoshi TODA

Date Oct 8, 2008 Signature of inventor

Kazuya Suzuki  
Kazuya SUZUKI

Date Jan 19, 2009 Signature of inventor

Satoshi Hashimoto  
Satoshi HASHIMOTO

Date Jan 22, 2009 Signature of inventor

Alexei Vinogradov  
Alexei VINOGRADOV

Witnessed by: Shinichi Toda

Date October 7, 2008

Witnessed by: Satoko Koshino

Date October 8, 2008

Witnessed by: Yoshio Tomoyasu

Date October 10, 2008

Witnessed by: Naoko Hayashida

Date January 19, 2009

Witnessed by: Keiko Tanemoto

Date January 22, 2009