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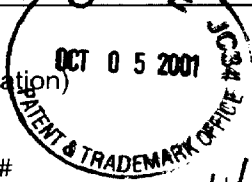
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TO: The Commissioner of Patents

Attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
- Document ID #
- Correction of PTO Error
- Reel # Frame #
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- Reel # Frame #



10/05/01

Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other:

Conveying Party(ies)

1. Masahiko KURISHIGE
2. Noriyuki INOUE
3. Ryoji NISHIYAMA
4. Kazumichi TSUTSUMI
5. Takayuki KIFUKU
- 6.

Execution Date(s)

- August 22, 2001
- August 22, 2001
- August 22, 2001
- August 23, 2001
- August 23, 2001

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Mitsubishi Denki Kabushiki Kaisha
 Name
 Address 2-3, Marunouchi 2-chome, Chiyoda-ku
 Address
 Address Tokyo JAPAN 100-8310
 City State/Country Zip Code

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

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 Attorney Docket No. 401345

Pages Enter the total number of pages of the attached conveyance document including any attachments: 2

Application Number(s) or Patent Number(s) Mark if additional numbers attached
 Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

09/931,853

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties

Enter the total number of properties involved: 2

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): 40.00

Method of Payment:

- Enclosed is a check in the amount of \$40.00
- Charge Deposit Account No. 12-1216
- Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Jeffrey A. Wyand

October 5, 2001

Name of Person Signing

Signature

Date

10/10/2001 DBYRNE 00000201 09931853

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PATENT
REEL: 012224 FRAME: 0499

ASSIGNMENT

WHEREAS, WE, Masahiko KURISHIGE, Noriyuki INOUE, Ryoji NISHIYAMA, Kazumichi TSUTSUMI, Takayuki KIFUKU, of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100- 8310 Japan, respectively, have invented and own a certain invention entitled:

Electric Power Steering Control System and

Method for Controlling the Electric Power Steering Control System

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on **August 20, 2001** under Application No. **09/931,853** and

WHEREAS, Mitsubishi Denki Kabushiki Kaisha, of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, renewals, and extensions) that may be filed in the United States and every foreign country on the invention, and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, renewal, or extended patents of the United States or of any and all foreign countries on the

invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date August 22 2001

Masahiko Kurishige
Masahiko KURISHIGE

Date Aug 22 2001

Noriyuki Inoue
Noriyuki INOUE

Date Aug 22 2001

Noriyuki Inoue Ryoji Nishiyama
~~Aug 22 2001~~ R. Nishiyama
Ryoji NISHIYAMA

Date Aug 23, 2001

Kazumichi Tsutsumi
Kazumichi TSUTSUMI

Date Aug 23, 2001

Takayuki Kifuku
Takayuki KIFUKU