

11-26-2001



Q67251

Form PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101900630
RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Hideki MORIKAKU, Yoshihito ASAO, and
Tomoki TAKAIASHI
11/19/01

Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
MITSUBISHI DENKI KABUSHIKI KAISHA
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Execution Date: October 25, 2001

Additional name(s) & address(es) attached?
 yes no
09/988286

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: October 25, 2001
A. Patent Application No.(s)/Confirmation No.(s)
/Not Yet Assigned

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
1
7. Total Fee (37 CFR 3.41): \$40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
 Authorized to be charged to Deposit Account
8. Deposit Account No.
19-4880

DO NOT WRITE IN THIS SPACE

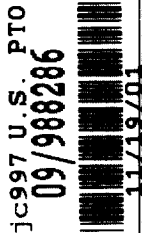
9. Statement and Signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Robert J. Seas, Jr.
Robert J. Seas, Jr. Reg. No. 21,092 November 19, 2001 Date

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Main documents to be recorded with required cover sheet information to:
Commissioner for Patents
Box Assignments
Washington, D.C. 20231



11/23/2001 DBYRNE 00000104 09988286
01 FC:581 40.00 DP

PATENT
REEL: 012315 FRAME: 0001

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Tomoki TAKAHASHI, Hideki MORIKAKU and Yoshihito ASAO

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA
of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled
ALTERNATOR

which was executed by the undersigned on the dates indicated below
 or was filed on _____ and accorded Serial No. _____
 (hereinafter called the Application);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S) :

DATE

(Tomoki TAKAHASHI) Tomoki Takahashi
(Hideki MORIKAKU) Hideki Morikaku
(Yoshihito ASAO) Yoshihito Asao

Oct. 25, 2001
Oct. 25, 2001
October 25, 2001