

01-28-2000

Q57529

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Yoshihiko ONISHI, Kouichi OJIMA, Takemi ARIMA and Hideki MORIKAKU

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

2. Name and address of receiving party(ies)?
MITSUBISHI DENKI KABUSHIKI KAISHA
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Additional name(s) & address(es) attached?
 yes no

JCS64 U.S. PTO
09/480664
01/11/00

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

Execution Date: December 14/17, 1999

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: December 14/17, 1999

A. Patent Application No.(s)
09480664

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Robert J. Seas, Jr.
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
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6. Total number of applications and registration involved:
1

7. Total Fee (37 CFR 3.41): \$40.00
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Robert J. Seas, Jr.

Reg. No. 21,092

January 11, 2000
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PATENT
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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, Yoshihiko ONISHI, Kouichi OJIMA, Takemi ARIMA and Hideki MORIKAKU

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 HIGH-PRESSURE FUEL PUMP

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
(Yoshihiko ONISHI)	<u>Yoshihiko Onishi</u>	<u>December 17, 1999</u>
(Kouichi OJIMA)	<u>Kouichi Ojima</u>	<u>December 14, 1999</u>
(Takemi ARIMA)	<u>Takemi Arima</u>	<u>December 14, 1999</u>
(Hideki MORIKAKU)	<u>Hideki Morikaku</u>	<u>December 14, 1999</u>
_____	_____	_____
_____	_____	_____