10-13-2000

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ASSIGNMENT RECC



T Patents Only

1.	record the attached original documents or copy thereot. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1.	Kikuo Tokunaga Nobuaki Murakami Toshiaki Ohkubo Shuya Nagayama Osamu Naito	Mitsubishi Heavy Industries, Ltd. 5-1, Marunouchi 2-chome Chiyoda-ku, Tokyo JAPAN
Addition	nal name(s) of conveying party(ies) attached? Yes No	SEP 29
3.	Nature of conveyance:	
	Assignment Merger Security Agreement Change of Name Other Execution Date: All Inventors - 6/23/2000	Additional name(s) & address(es) attached? Yes \(\sum \) No \(\sum \)
4.	If this document is being filed together with a new appli	cation, the execution date of the application
		6. Total number of applications and patents involved:
	If this document is being filed together with a new appli is: Additional numbers attached? Yes \(\subseteq \) No \(\subseteq \) Name and address of party to whom correspondence	cation, the execution date of the application
	If this document is being filed together with a new applicis: Additional numbers attached? Yes \(\subseteq \text{No} \text{ \omega} \) Name and address of party to whom correspondence concerning document should be mailed: Melissa B. Pendleton ALSTON & BIRD LLP P. O. Drawer 34009	6. Total number of applications and patents involved:
	If this document is being filed together with a new applicis: Additional numbers attached? Yes \(\subseteq \text{No} \text{ \omega} \) Name and address of party to whom correspondence concerning document should be mailed: Melissa B. Pendleton ALSTON & BIRD LLP P. O. Drawer 34009	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed
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5. 3/2000 I	If this document is being filed together with a new appliance is: Additional numbers attached? Yes No Name and address of party to whom correspondence concerning document should be mailed: Melissa B. Pendleton ALSTON & BIRD LLP P. O. Drawer 34009 Charlotte, NC 28234-4009 MTHAIL 00000262 09605249 DO NOT U	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 16-0605
Meliss	If this document is being filed together with a new applicis: Additional numbers attached? Yes \(\subseteq \) No \(\subseteq \) Name and address of party to whom correspondence concerning document should be mailed: Melissa B. Pendleton ALSTON & BIRD LLP P. O. Drawer 34009 Charlotte, NC 28234-4009 NTHAIL 00000262 09605249 DO NOT US Statement and signature 0.00 00 To the best of my knowledge and belief, the foregoing in	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 16-0605

PATENT REEL: 011143 FRAME: 0676

ASSIGNMENT

WHEREAS:

Kikuo TOKUNAGA, Nobuaki MURAKAMI, Toshiaki OHKUBO, Shuya NAGAYAMA and Osamu NAITO, their addresses are as per attached sheet, (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

for which application for United States Letters Patent identified as09/605,249
day of, and,
WHEREAS:
MITSUBISHI HEAVY INDUSTRIES, LTD. of 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan, (hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.
ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.
And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereo to said ASSIGNEE.
IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this 23rd day of
June, 2000
ASSIGNOR:
Kikuo Tokunaga hobishi Murakami Nobuaki MURAKAMI
Toshiaki OHKUBO Shuya NAGAYAMA Shuya NAGAYAMA
Osamu Maito Osamu NAITO
Witnesses: Sachiho Oyoda

PATENT RECORDED: 09/29/2000 REEL: 011143 FRAME: 0677