U.S. Department of Commerce Patent and Trademark Office

06-10-1999  $RECORD_{\ell}$ 



101029349

Our Ref.: 2018-180

Commissioner of Patents and Traderrocks

Box Assignment, Washing 20231  To the Honorable Commissioner of Patents and Trademarks: Plea	ase record the attached original documents or conv thereof			
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Jun HASEGAWA	2. Frame and address of receiving party (165).			
Yukihiro YAMASHITA	Name: DENSO CORPORATION			
Daiji ISOBE	Internal Address:			
Wakichi KONDO	Street Address: 1-1, Showa-cho			
Walter Horizo	Street Address. 1-1, Showa-cho			
Additional name/s of conveying party/ies attached?				
3. Nature of conveyance: 3-36-99	City: Kariya-city, Aichi-pref.			
☐ Assignment ☐ Merger	State/Country: Japan			
☐ Security Assignment ☐ Change of Name	Zip: 448-8661			
Other Record to correct the spelling of the street				
address of assignee previously recorded				
on reel 9561, Frame 0751				
G. 1 . D. ( ) . O. ( ) . O. ( ) . O. ( )				
Execution Date: October 20, 1998	Additional name/s & address/es attached? ☐ Yes ☒ No			
4. Application number(s) or patent number(s):	1			
If this document is being filed together with a new application, the execut	ion date of the application is: October 20, 1998			
A. Patent Application No(s).	B. Patent No(s).			
(1) 09/179,203	(1)			
(2)	(1)			
(3)	(3)			
	ttached ☐ Yes ☒ No			
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved: 1			
concerning document should be mailed:				
	7. Total fee (37 CFR 3.41) \$ 40.00			
Name: Larry S. Nixon	⊠ Enclosed			
	Authorized to be charged to deposit account #14-1140			
Internal Address:				
	8. The Commissioner is hereby authorized to charge any			
Street Address: Nixon & Vanderhye P.C.	<u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which			
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter			
8 <sup>th</sup> Floor	filed in this application by this firm) to our Account No.			
City: Arlington State: VA Zip: 22201	14-1140.			
0/1999 JSHABAZZ 00000101 09179203 DO NOT US	E THIS SPACE 40E			
9. Statements and signature.	No spect-le			
To the best of my knowledge and belief, the foregoing information	ation is true and correct and any attached copy is a true copy			
of the original document.				
	S N : 101			
Larry S. Nixon	S. Hiyon March 26, 1999			
Larry S. Nixon Name of Person Signing	S. Hipon March 26, 1999 gnature Date			
Larry S. Nixon  Name of Person Signing  Reg. No. 25,640				
Larry S. Nixon  Name of Person Signing  Reg. No. 25,640	gnature Date			

**PATENT REEL: 9848 FRAME: 0363** 

MRD 10.27.98

11-09-1998



100871195 **PATENTS ONLY**  U.S. Department of Commerce Patent and Trademark Office

**HEET** 

Our Ref.: 2018-1

Commissioner of Patents and Trademarks Box Assignment, Washington, D.C. 20231

1. Name of conveying party(ies):   Jun HASEGAWA   Yukihiro YAMASHITA   Daij ISOBE   Wakichi KONDO	To the Honorable Commissioner of Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.						
Valkihiro YAMASHITA   Daiji ISOBE   Wakichi KONDO								
Daiji ISOBE   Wakichi KONDO   Additional name/s of conveying party/ies attached?	Jun HASEGAWA	= 3°						
Street Address:  -1,  -1,  -1,  -1,  -1,  -1,  -1,  -1,	Yukihiro YAMASHITA	Name: DENSO CORPORATION						
Wakichi KONDO   Additional name/s of conveying party/ies attached?	Daiji ISOBE	Internal Address:						
Additional name/s of conveying party/ies attached?   3. Nature of conveyance:  Security Assignment	Wakichi KONDO	Street Address: 1-1 Show-cho						
3. Nature of conveyance:    Assignment		100 = 1						
3. Nature of conveyance:    Assignment	Additional name/s of conveying party/ies attached?							
State/Country: Japan   Zip: 448-8661     Other   Execution Date:   October 20, 1998   Additional name/s & address/es attached?   Yes   No	_ · · · · · · · · · · · · · · · · · · ·	City: Kariya-city Aichi-pref						
Security Assignment   Change of Name   Zip: 448-8661     Cother   Change of Name   Zip: 448-8661     Additional name/s & address/es attached?   Yes   No     Additional name/s & address/es attached?   Yes   No     A. 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 20, 1998     A. Patent Application No(s).   B. Patent No(s).     (1) Unknown   (2)   (2)   (3)     (3)   Additional numbers attached   Yes   No     Name and address of party to whom correspondence concerning document should be mailed:   Name:   Larry S. Nixon   Enclosed   Authorized to be charged to deposit account #14-1140     Internal Address:   Street Address: Nixon & Vanderhye P.C.   1100 North Glebe Road   8th Floor   Enclosed   Authorized 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.     Po NOT USE THIS SPACE   Signature   October 27, 1998   Date   Dat	•							
Additional name/s & address/es attached?   Yes   No  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 20, 1998  A. Patent Application No(s). (1) Unknown (2) (3) Additional numbers attached   Yes   No  5. Name and address of party to whom correspondence concerning document should be mailed: Name:   Larry S. Nixon   Additional number of applications & patents involved: 1  T. Total fee (37 CFR 3.41)   S   40.00   E  Enclosed   Authorized to be charged to deposit account #14-1140  Name:   Larry S. Nixon & Vanderhye P.C.   1100 North Glebe Road   She Floor   Ferson Signing   Name of Person Signing   Reg. No. 25,640  Poctober 20, 1998  Additional name/s & address/es attached?   Yes   No  B. Patent No(s). (1) (2) (2) (3) (3)  F. Total fee (37 CFR 3.41)   S   40.00   E  Authorized to be charged to deposit account #14-1140   Should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No.  14-1140.  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.  Larry S. Nixon   October 27, 1998   Date	<del>-</del>							
Additional name/s & address/es attached?  \[ \text{Yes} \] No  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 20, 1998  A. Patent Application No(s).     (1) Unknown     (2)     (3)     Additional numbers attached  \[ \text{Yes} \] No  5. Name and address of party to whom correspondence concerning document should be mailed:     Name:		2.ip. 440-0001						
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 20, 1998  A. Patent Application No(s).  (I) Unknown  (2)  (3)  Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8* Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  October 27, 1998  Date								
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 20, 1998  A. Patent Application No(s).  (I) Unknown  (2)  (3)  Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8* Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  October 27, 1998  Date	Execution Date: October 20, 1998	Additional name/s & address/ss attached? TVcs. 57 No.						
A. Patent Application No(s).  (1) Unknown  (2) (3)  Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  No Cotober 20, 1998  B. Patent No(s).  (1) (2) (2) (3)  Additional numbers attached Yes No  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Execution Date. October 20, 1996	Additional name/s & address/es attached? [] Fes [X] No						
A. Patent Application No(s).  (1) Unknown  (2) (3)  Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  No Cotober 20, 1998  B. Patent No(s).  (1) (2) (2) (3)  Additional numbers attached Yes No  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	4. Application number(s) or patent number(s):							
A. Patent Application No(s).  (1) Unknown  (2)  (3)  Additional numbers attached Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road 8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  B. Patent No(s).  (1)  (2)  (2)  (3)  Additional numbers attached Yes No  (2)  (3)  Additional numbers attached Yes No  (2)  (2)  (3)  Additional number of applications & patents involved: 1  To Total fee (37 CFR 3.41) \$ 40.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		ion date of the application is:						
(1) Unknown (2) (3)  Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Additional numbers attached Yes No  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 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.  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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640		October 20, 1998						
(1) Unknown (2) (3)  Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Additional numbers attached Yes No  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 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.  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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640	A Patent Application No(s)	R Patent No(s)						
Additional numbers attached Yes No  S. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Additional numbers attached Yes No  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$								
Additional numbers attached  Yes No  5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Additional numbers attached Yes No 06.  Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$								
Additional numbers attached								
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8 <sup>th</sup> Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  6. Total number of applications & patents involved: 1  7. Total fee (37 CFR 3.41) \$ 40.00 ✓  Authorized to be charged to deposit account #14-I140  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-I140.  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640		1 7 7						
Name: Larry S. Nixon    Street Address: Nixon & Vanderhye P.C.								
Name: Larry S. Nixon    Name: Larry S. Nixon		o. Total number of applications & patents involved:						
Name: Larry S. Nixon  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Negative Senciosed  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.  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.  Signature Date	concerning document should be mailed.	7. Total for (27 CER 2.41)						
Authorized to be charged to deposit account #14-1140  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640  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.  October 27, 1998  Date	Name: Law C Niver							
Street Address: Nixon & Vanderhye P.C.    1100 North Glebe Road   R <sup>th</sup> Floor     City: Arlington   State: VA   Zip:   22201     DO NOT USE THIS SPACE	Name. Larry S. Nixon	, <del></del>						
Street Address: Nixon & Vanderhye P.C.    1100 North Glebe Road	Into mal Address	Authorized to be charged to deposit account #14-1140						
Street Address: Nixon & Vanderhye P.C.    1100 North Glebe Road   8th Floor   City: Arlington   State: VA Zip:   22201   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.    Larry S. Nixon   Name of Person Signing   Reg. No. 25,640   Signature   Date   Count No.   City:   Address: Nixon   Name of Person Signing   Cotober 27, 1998   Date   Cotober 27, 1998	internal Address.	9 The Commission of London with the London						
Should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No.  14-1140.  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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640  Should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No.  14-1140.  October 27, 1998  Signature  Date	Street Address Niver 9, Was deshay D.C.	,						
State: VA Zip: 22201  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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Signature  filed in this application by this firm) to our Account No.  14-1140.  DO NOT USE THIS SPACE  October 27, 1998  Signature  Date								
City: Arlington State: VA Zip: 22201 14-1140.  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.  Larry S. Nixon Name of Person Signing Reg. No. 25,640  Do NOT USE THIS SPACE  October 27, 1998  Signature  Date								
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.  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  Doctober 27, 1998  Date								
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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640  October 27, 1998  Date	City: Arlington State: VA Zip: 22201	14-1140.						
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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640  October 27, 1998  Date								
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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640  October 27, 1998  Date	DO NOT US	E THIS SPACE						
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.  Larry S. Nixon  Name of Person Signing  Reg. No. 25,640  October 27, 1998  Date								
October 27, 1998  Larry S. Nixon  Name of Person Signing Reg. No. 25,640  October 27, 1998  Date								
Larry S. Nixon  Name of Person Signing Reg. No. 25,640  October 27, 1998  Date		ition is true and correct and any attached copy is a true copy						
Name of Person Signing Reg. No. 25,640  Signature  Date	of the original document.							
Name of Person Signing Reg. No. 25,640  Signature  Date	(4)	M • 10						
Reg. No. 25,640								
		nature Date						
l otal number of pages including original cover sheet, attachments, and document: [2]								
	lotal number of pages including origi	nai cover sheet, attachments, and document: [2]						

10/29/1998 GDUCKETT 00000013 0917920

04 FC:581

40.00 OP

**PATENT REEL: 9848 FRAME: 0364** 

		Case No							
	ASSIGNMENT OF U.S. PATENT RIGHTS								
		(1) Jun Has							
(	Inventors)	(2) Yukihir	o Yamashita						
		(3) Daiji I							
		(4) Wakichi Kondo							
,	(Anniews)	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							
_	Assignee)		DENSO CORPORATION 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan						
	(Address)	(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 FUEL INJECTION CONTROL SYSTEM OF INTERNAL COMBUSTION ENGINE							
		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 or has already filed U.S. application Serial No,							
		on							
	The	•				essary in connection with the			
t r v	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.								
ç	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.								
0	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.								
t	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.								
5	In wi signature(s).	tness whereof,	executed by the unde	ersigned	on the date(s) oppo	osite the undersigned			
ate	October	20,1998	Signature of invento	or (1)	Jun Hasegawa	Jun Hasegawa			
ite	Octobro	~ 20.1998	Signature of invento	or (2)	Yukihiro Yamas	snita Guhiliso younghita			
ate	October	,	Signature of invento	or (3)	Daiji Isobe	Dain Isdoe			
ate	October	<u> 50. 1998</u>	Signature of invento	or (4)	Wakichi Kondo	Clakichi Kondo			
itne	essed by:	October 20.	1998 Masdomi C	lnoue	Date Octor	ber 20.1998			
	7 12 m - 0 + 1 25 1009								
itne	essed by:	<del></del>	youhir //	lajema	Date <u>Uctor</u>	er 20. 1778			

264637

95.61/0751 PAGE 2

SERIAL NUMBER: 09179203

PATENT NUMBER:

FILING DATE: 10/27/1998

ISSUE DATE:

ANNE HARRELL, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

**RECORDED: 03/26/1999** 

PATENT REEL: 9848 FRAME: 0366