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Name of conveying party(ies):	2. Name and address of receiving party(ies):
Tsutomu SAITO and Jiro TANAKA	_{Name:} Kabushiki Kalsha Kawai Gakki Seisakusho
Additional name(s) of conveying party(les) attached?	Internal Address:
3 Nature of Conveyance:	Street Address:
Assignment	200, Terajima-cho, Hamamatsu-shi Shizuoka-ken Japan
☐ Other	Additional name(s) & address(es) attached? ☐ Yes ■ No
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:
A. Patent Auplication No.(s) 09/504,647 filed on February 14, 2000	B. Patent No(s). issued on
	s attached? □ Yes ■ No
Name and address of party to whom correspondence concerning document should be mailed;	6. Total number of applications and patents involved: 1
Customer No. 020210 Davis and Bujold	7. Total fee (37 CFR 3.41)\$ <u>40.00</u>
Fourth Floor 500 North Commercial Street	■ is enclosed.
Manchester NH 0310° Telephone 603-624-9220 Facsimile 603-624-9229 E-mail: patent@davisandoujoid.com	□ was previously paid. Please charge any fee deficiency or credit any overpayment to our Deposit Account listed below.
Attorney Docket: ADACHI P186US	8. Deposit account number:
04/24/2000 JJRLLAN2 D0000199 09504647	04-0213 (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and con-	
Michael J. Bujold Name of Attorney of Record Sighatupe	March 17, 2000 Date
Attorney Registration No 32,018 Total	number of pages including cover sheet, attachments and document. [2]

PATENT

REEL: 010711 FRAME: 0820

U.S. DEPARTMENT OF COMMERCE

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ASSIGNMENT OF INVENTION

TSULTOMU SAITO of841, Morimoto, Toyoda-cho, Iwata-gun, Shizuoka-ken, Japan and Jito TANAKA of 23-9, Shinmiyakoda 2-chome, Hamamatsu-shi, Shizuoka-ken, Japan hereby selts, assigns and Itansfers to ASSIGNEE: KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO Of 2(10, Terajima-cho, Hamamatsu-shi, Shizuoka-ken, Japan and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest in the United States of America an undivided percent (_%) interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled and which is found in: U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent No. issued A change of address to which correspondence is to be sent regarding paten maintenance fees is being sent separately; or I and any legal equivalent thereof in a foreign country, including the right to claim priority; and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any relssue or reexamination thereof; ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has beer or will be made or entered into which would conflict with this assignment; ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with as may be known and accessible to ASSIGNOR and will testify as to the same in any interference litigation of proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legation and all legate to application or any interference litigation of proceeding related thereto and will prompt	rur. w U.S. A	nd/or □ Foreign Rights	Assignment Recorded on
Inconsideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR: TSUTORUL SAITO of 841, Morimoto, Toyoda-cho, Iwata-gun, Shizuoka-ken, Japan and Jiro TANAKA of 23-9, Shinmiyakoda 2-chome, Hamamatsu-shi, Shizuoka-ken, Japan to ASSIGNEE: KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO Of 200, Terajima-cho, Hamamatsu-shi, Shizuoka-ken, Japan and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest in the United States of America an undivided percent which is found in the invention entitled and which is found in: U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent No. U.S. Patent No. U.S. Patent No. I. V. S. Patent No. I. U.S. Patent No. I. V. S. Patent No. I. V	By: IXI invento	prication of □ 0.3. Patent ir(s) or □ Present Owner	
the receipt of which is hereby acknowledged, and for other good and valuable consideration. ASSIGNOR: Tautomu SAITO of 841, Morimoto, Toyoda-cho, Iwata-gun, Shizuoka-ken, Japan and Jito TANAKA of 23-9, Shinmiyakoda 2-chome, Hamamatsu-shi, Shizuoka-ken, Japan to ASSIGNEE: KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO of 200, Terajima-cho, Hamamatsu-shi, Shizuoka-ken, Japan and the successors, assigns and legal representatives of the ASSIGNEE & the entire right, title and interest in the United States of America an undivided percent (_%) interest for the United States and its territoria possessions C and in all foreign countries, including all rights to claim priority, and to any and all improvements which are disclosed in the invention entitled and which is found in: C U.S. Patent Application executed on even date herewith; or C U.S. Patent Application executed on even date herewith; or C U.S. Patent and to executed on even date herewith; or C U.S. Patent No. issued A change of address to which correspondence is to be sent regarding paten maintenance fees is being sent separately; or C1 U.S. Patent No. issued C1 A change of address to which correspondence is to be sent regarding paten maintenance fees is being sent separately; or C1 and any legal equivalent thereof in a foreign country, including the right to claim priority; and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof. 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; ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with a may be proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal to the proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal to the proceeding rela	- 1		
Shizuoka-ken, Japan and Jiro Tanaka of 23-9, Shinmiyakoda 2-chome, Hamamatsu-shi, Shizuoka-ken, Japan hereby sells, assigns and Iranisers to ASSIGNEE: KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO Of 2(0, Terajima-cho, Hamamatsu-shi, Shizuoka-ken, Japan and the successors, assigns and legal representatives of the ASSIGNEE Ken the entire right, title and interest in the United States of America an undivided percent (_%) interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled and which is found in: U.S. Patent Application executed on even date herewith; or U.S. Application serial no. 19/504,647. U.S. Patent Application executed on issued U.S. Application serial no. 19/504,647. U.S. Patent No. U.S. Patent No. In and to any and all enterest to which correspondence maintenance fees is being sent separately; or In and any legal equivalent thereof in a foreign country, including the right to claim priority; and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re examination thereof. ASSIGNOR further covenants that no assignment, sale, agreement or encumbrance has beer or will be made or entered into which would conflict with this assignment; ASSIGNOR further covenants that no assignment, sale, agreement or encumbrance has beer or will be made or entered into which would conflict with this assignment; ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal and enforce said application,	Inicon the receipt of ASSIGNOR:	i which is hereby acknowledged, an	d for other good and valuable consideration,
Jiro Tanaka of 23-9, Shinmiyakoda 2-chome, Hamamatsu-shi, Shizuoka-ken, Japan hereby sells, assigns and transfers to ASSIGNEE: KARUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO Of 2(00, Tera)ima-cho, Hamamatsu-shi, Shizuoka-ken, Japan and the successors, assigns and legal representatives of the ASSIGNEE Kine entire right, title and interest in the United States of America an undivided possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled and which is found in: U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent No. (may be filled in when known); or U.S. Patent No. (sissued) U.S. Application serial no. 09/504.647 (may be filled in when known); or I. U.S. Patent No. (sissued) U.S. Application serial no. 09/504.647 (may be filled in when known); or I. U.S. Patent No. (may be filled in when known); or II. U.S. Patent No. (sissued) U.S. Application serial no. 09/504.647 (may be filled in when known); or III. A change of address to which correspondence is to be sent regarding paten maintenance fees to beling sent separately; or III. A change of address to which correspondence is to be sent regarding paten maintenance fees to be being sent separately; or III. A change of address to which correspondence is to be sent regarding paten maintenance fees to being sent separately; or III. A change of address to which correspondence is to be sent regarding paten maintenance fees to being sent separately; or III. A change of address to which correspondence is to be sent regarding paten maintenance fees to being sent separately; or III. A change of address to which correspondence is to be sent regarding paten maintenance fees to being sent separately; or III. A change of address to which correspondence is to be sent regarding patent	Shizu		Toyoda-cho,Iwata-gun,
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and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest in the United States of America an undivided percent (%) interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, and to any and all improvements which are disclosed in the invention entitled and which is found in: U.S. Patent Application executed on even date herewith; or U.S. Patent Application executed on even date herewith; or U.S. Patent No. U.S. Pat	nereby sells, a	assigns and transfers to ASSIGNEE:	
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maintenance fees is being sent separately; or and any legal equivalent thereof in a foreign country, including the right to claim priority; and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re examination thereof; 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; ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. IN WITNESS WHEREOF, I/We have hereunto set hand this Date: March 13, 2000 Tsutomu SAITO Tsutomu Saito Jiro Tanaka June Tanaka	C)	II S Patent No	issued
and any legal equivalent thereof in a foreign country, including the right to claim priority; and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re examination thereof; ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has beer or will be made or entered into which would conflict with this assignment; ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with as may be known and accessible to ASSIGNOR and will testify as to the same in any interference litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. IN WITNESS WHEREOF, I/We have hereunto set hand this Date: March 13, 2000 Tsutomu SAITO		A change of address to which co	orrespondence is to be sent regarding paten
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RECORDED: 03/27/2000 REEL: 010711 FRAME: 0821

Name of person authorized to sign on behalf of ASSIGNOR Title