To the Honorable Commissions

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11-18-1998



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U.S. Department of Commerce Patent and Trademark Offce

cord the attached original documents or copy thereof

1. Name of conveying party(ies): Akitoshi OIKAWA Additional name(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies): Name: Sega Enterprises, Ltd. Internal Address: Street Address: 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043, JAPAN City: Tokyo Country: Japan Zip Code: 144-0043 Additional name(s) & address(es) attached? Yes
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the end of the second	B. Patent No.(s): Additional numbers attached? Yes X No
5. Name and address of party to whom correspondence concerningdocument should be mailed: Name: DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Internal Address: Attv. Dkt.: K6510.046/P046 Attn: Thomas J. D'Amico Street Address: 2101 L Street. N.W. City: Washington State: D C Zip: 20037 1/09/1998 CSTREATE 00000017 29095940 2 FC:581 40.00 0P	6. Total number of applications and patents involved: _1 7. Total fee (37 CFR 3.41) \$40.00 X Enclosed Authorized to be charged to deposit account 8. Deposit account number: 04-1073
DO NOT USE TH	IIS SPACE Tatjon is true and correct and any attached copy is a true copy November 2, 1998 Date

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made this day of, 1998 by
Akitoshi Oikawa
(hereinafter referred to as Assignor), residing at c/o Sega Enterprises, Ltd
2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043, Japan
WHEREAS, Assignor has invented certain new and useful improvements in
the design for a CONTROLLER FOR GAME MACHINE, set forth
in an application for Letters Patent of the United States, executed on
already filed on as U.S. application Serial
No; and
WHEREAS, SEGA ENTERPRISES, LTD., a corporation organized under
and pursuant to the laws of <u>Japan</u> , having its principal place of business at
Tokyo, Japan (hereinafter referred to as Assignee), is desirous
of acquiring the entire right, title and interest in and to said inventions and said

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and

Application for Letters Patent of the United States, and in and to any Letters Patent of

the United States to be obtained therefor and thereon.

PATENT REEL: 9578 FRAME: 0875 assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

PATENT REEL: 9578 FRAME: 0876 AND Assignor hereby grants the following individuals 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 and Trademark Office for recordation of this document:

Dickstein Shapiro Morin and Oshinsky LLP

Gary M. Hoffman, 26,411; Thomas J. D'Amico, 28,371; Donald A. Gregory, 28,954; James W. Brady, Jr., 32,115; Jon D. Grossman, 32,699; Mark J. Thronson, 33,082; Laurence D. Fisher, 37,131; John R. Fuisz, 37,327; James M. Heintz, 41,828; Herbert V. Kerner, 42,721; Gianni Minutoli, 41,198; Eric Oliver, 35,307; William E. Powell, III, 39,803; James M. Silbermann, 40,413; Richard Veltman, 36,957; and Darius Gambino, 41,472.

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date:	October 26, 1998	Assignor: Witchel Kann-Akitoshi Oikawa	
	October 26, 1998	Witness: Mouji "suchiya	io
Date:	October 26,1998	Witness: Rouji Esuchiya	_
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Date:		Assignor:	
Date:		Witness:	_
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Date:		Assignor:	_
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Date:		Witness:	_

RECORDED: 11/02/1998

PATENT REEL: 9578 FRAME: 0877