

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Victor Company of Japan, Ltd.	04/23/2008
RECEIVING PARTY DATA	
Name:	Alphana Technology Co., Ltd.
Street Address:	430-1, Hanagura
Internal Address:	Fujieda-shi
City:	Shizuoka
State/Country:	JAPAN
Postal Code:	426-0292
PROPERTY NUMBERS Total: 10	
Property Type	Number
Application Number:	11639242
Application Number:	11785502
Patent Number:	4912379
Patent Number:	5969489
Patent Number:	6002189
Patent Number:	6049147
Patent Number:	6215210
Patent Number:	6715921
Patent Number:	7245051
Patent Number:	7259484
CORRESPONDENCE DATA	
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OP \$400.00 11639242

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PATENT
REEL: 020909 FRAME: 0150

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ATTORNEY DOCKET NUMBER:	27629-00001
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NAME OF SUBMITTER:	Morris Liss
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Total Attachments: 4
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ASSIGNMENT of PATENT AND APPLICATIONS

WHEREAS, Victor Company of Japan, Ltd. a corporation organized under and pursuant to the laws of Japan having its principal place of business at 12, 3 Chome, Moriya-Cho, Kanagawa-Ku, 221-5828 Japan (hereinafter referred to as Assignor), is the sole and exclusive owner, of the entire right, title and interest in and to the attached listed Patent Applications and Letters Patent in the United States by previous assignments;

WHEREAS, Alphana Technology Co., Ltd., a corporation organized under and pursuant to the laws of Japan and having its principal place of business at 430-1, Hanagura, Fujieda-shi, Shizuoka, 426-0292 Japan (hereinafter referred to as Assignee), is desirous of acquiring a fifty percent (50%) ownership in the right, title and interest in, to and under said Patent Applications and Letters Patent and the inventions covered thereby;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, a fifty percent (50%) ownership share in the right, title and interest in and to the above-mentioned inventions, Patent Applications for Letters Patent, and Letters Patent, and in and to any and all direct and indirect divisions and continuations of said Patent Applications, and any and all Letters Patent in the United States which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, 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 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 Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant 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, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions, Patent Applications and Letters Patent above-mentioned, and that the same are unencumbered and that

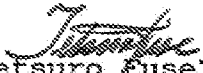
Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors 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 Patent Applications 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 Patent Applications or Letters Patent, or any proceeding in connection with any Letters Patent or Patent Applications 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 Assignors hereby grant 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:

CONNOLLY BOVE LODGE & HUTZ, LLP: all practitioners at Customer No.
30678.

Victor Company of Japan, Ltd.

By: 
Tetsuro Fuse
Title: Associate Director, General Manager
Date: Apr. 23, 2008

List of Assigned Applications and Letters Patent

U.S. Patent Application No. 11/639,242 filed in the United States on 2006/12/18

U.S. Patent Application No. 11/785,502 filed in the United States on 2007/4/18

U.S. Patent 4912379 issued on 1990/3/27

U.S. Patent 5969489 issued on 1999/10/19

U.S. Patent 6002189 issued on 1999/12/14

U.S. Patent 6049147 issued on 2000/4/11

U.S. Patent 6215210 issued on 2001/4/10

U.S. Patent 6715921 issued on 2004/4/6

U.S. Patent 7245051 issued on 2007/7/17

U.S. Patent 7259484 issued on 2007/8/21