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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takumi NIWA	03/09/2012
Toshihiro KITAMURA	03/09/2012

RECEIVING PARTY DATA

Name:	AISIN SEIKI KABUSHIKI KAISHA	
Street Address:	1, Asahi-machi 2-chome	
City:	Kariya-shi, Aichi-ken	
State/Country:	JAPAN	
Postal Code:	448-8650	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13427433

CORRESPONDENCE DATA

Fax Number: (703)836-7419 Phone: 7038366620

Email: beverly.caraway@bipc.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Buchanan Ingersoll & Rooney P.C.

Address Line 1: P.O. Box 1404

Address Line 4: Alexandria, VIRGINIA 22313-1404

ATTORNEY DOCKET NUMBER: 1000409-000419

NAME OF SUBMITTER: Matthew L. Schneider

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PATENT

REEL: 027911 FRAME: 0662

OF \$40.00 1342/433

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ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by 1) Takumi NIWA and 2) Toshihiro KITAMURA residing at 1) Kariyashi, Aichi-ken, Japan and 2) Okazaki-shi, Aichi-ken, Japan (hereinafter referred to as "the Assignors"),

respectively, v	witnes	seth:	Terresearch company to the capacity (incremental personal to the choise and the capacity to th	,,
WHE APPARATUS	REAS set	the A	assignors have invented certain new and useful improvements in <u>LID LOCI</u> in an application for Letters Patent of the United States, which is a	K
(1)		provi	isional application	
	(a)		bearing Application No and filed on;	
	(b)		to be filed herewith; or	
(2)	\boxtimes	non-	provisional application	
(2)			bearing Application No, and filed on;	
	(b)		having an oath or declaration executed on even date herewith prior to filing of application;	
	(c)		having an oath or declaration executed on a different date than this Assignment; and	
pursuant to th Kariya-shi, Aid acquiring the said invention applications for	e laws chi-ker entire s and or Lette nd in a	of <u>JA</u> 1, 448- right, t the en ers Pa nd to	N SEIKI KABUSHIKI KAISHA, a corporation duly organized under and RPAN and having a principal place of business at 1. Asahi-machi 2-chome, -8650 Japan (hereinafter referred to as "the Assignee"), is desirous of title, and interest in and to said inventions, the right to file applications on nitre right, title and interest in and to any applications, including provisional atent of the United States or other countries claiming priority to said any Letters Patent or Patents, United States or foreign, to be obtained	
acknowledged do sell, assign assigns the er applications of Letters Patent and all Letters granted theref applications, of extensions of Protection of I and behoof ar end of the terr	d, the name of the continuity of the second the continuity of the	Assign sfer, a ght, tit inven Unite t or P I there ns, con etters ial Pro use an	RE, for good and sufficient consideration, the receipt of which is hereby nors have sold, assigned, transferred, and set over, and by these presents and set over, unto the Assignee, its successors, legal representatives, and le, and interest in and to the above-mentioned inventions, the right to file ations and the entire right, title and interest in and to any applications for ed States or other countries claiming priority to said applications, and any extents of the United States of America and all foreign countries that may be earn, and in and to any and all applications claiming priority to said antinuations, and continuations-in-part of said applications, and reissues and Patent or Patents, and all rights under the International Convention for the operty, the same to be held and enjoyed by the Assignee, for its own use and behoof of its successors, legal representatives, and assigns, to the full or which Letters Patent or Patents may be granted as fully and entirely as an held and enjoyed by the Assignors had this sale and assignment not be	be nd e
Assignee, its sidelivery of the interest in and provisional ap	succes ese pre I to the plication	ssors, sents inver ons, a	e consideration, the Assignors hereby covenant and agree to and with the legal representatives, and assigns, that, at the time of execution and , the Assignors are the sole and lawful owners of the entire right, title, and ntions set forth in said applications and said applications, including bove-mentioned, and that the same are unencumbered, and that the full right and lawful authority to sell and convey the same in the manner	!
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	<i>√</i>	V15043
Application No.		
Attorney Docket No.		/

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, 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 Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE_	March 09, 2012	Talami NIWA Takumi NIWA		
DATE	March 09, 2012	Toshihiro KITAMURA		

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