PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Akira TAKIZAWA	02/13/2012

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13393365	

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ATTORNEY DOCKET NUMBER: 0038-0609PUS1

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PATENT

NAME OF SUBMITTER:

James M. Slattery

Total Attachments: 2
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PATENT REEL: 027789 FRAME: 0880

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

	Application No. 13/393,365			Filed February 29, 2012		
Insert Name(s) of Inventor(s)	***(Given Name FAMILY NAME (ALL CAPS))***					
	WHEREAS,	Akira	TAKIZAWA	1		
		<u>,</u>	******************			
				* ************************************		
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				,		
				<u>y</u> :		
Insert Title of Invention	thereinafter designated as the under CIRCUIT FOR DETECTING S			ecrtain new and useful improvements in		
u mvemm	for which an application for Letters undersigned (except in the case of a			of America has been executed by the		
Insert Date of Signing of Application	on20/	(2.2.	/3	; an		
Insert Name of Assignee	WHEREAS, S.P.M COMPANY and Akira TAKIZAWA					
Insert Address	of 555-1, Takeshioki, Ueda-shi, Nagamo 386-0502 Japan					
of Assignee	of 1544-9, Geda, Usda-shi, Nagano 386-0001 Japan					
CHECK BOX IF APPROPRIATE	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and C in any foreign countries.					
	paid, the receipt of which is hereby undersigned has (have) sold, assign transfer unto said Assignee the ful America, its territories, dependencia any and all Letters Patent(s) which	v acknowled and track and exchange and poster may be	edged, and other insferred, and by isive right to the lessions and the granted therefor	s (\$10.00) to the undersigned in hand good and valuable consideration, the these presents does sell, assign and said invention in the United States of nitre right, title and interest in and to in the United States of America, its is designated, in any and all foreign		
	and to any and all divisions, reissue		the same of the same of the same	ns and extensions thereof for the full		

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The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and safe had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) apposite the undersigned name(s).

Date 20/2, 2, 73		AKIRA TAKISAWA
Ďate		(signature) Akira TAKIZAWA (signature)
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date	Name of Inventor	(signature)
Date		
Page 2 of ²		(signature)

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RECORDED: 03/01/2012