PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Muneaki KURIMOTO	05/14/2007
Hitoshi ISHIKAWA	05/16/2007
Eiichiro SHIGEHARA	05/14/2007

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11751842

CORRESPONDENCE DATA

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Correspondent Name: Oblon, Spivak, et al.
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Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	308982US26
NAME OF SUBMITTER:	Wosene Alemayehu

Total Attachments: 4

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PATENT REEL: 019327 FRAME: 0822

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PATENT REEL: 019327 FRAME: 0823 Docket No:

Assignment of Application

,	WHEREAS I (WE) (1) Muneaki I	KURIMOTO, (2) Hitoshi ISHIKAWA and (3) Eiichiro S	HIGEHARA of (1) Obu-shi,
SERT NAMES ND RESIDENCE NORESS OF	Aichi-ken, Ja	apan, (2) Hekinan-shi, Aichi-ken, Japan and (3) Chofu-shi	, Tokyo, Japan
E INVENTORS:			
			, respectively,
,		seful improvements in: RIPPLE DETECTING DEVICE	
ISERT TITLE OF	have invented certain new and us	setul improvements in: <u>RIFFLE DETECTING BEVIOU</u>	
	For which an application for Lett	ters Patent was executed on	
NSERT DATE NVENTORS SIGNED ECLARATION:	10: Willest all application 10: 20:		
) and
	(Application No.	, filed), and
	WHEREAS, AISIN SEIKI		
NSERT NAME AND ADDRESS OF		TONES having places of business at: 1 Asahi-machi 2-6	chome, Kariya-shi, Aichi-ken,
COMPANY OR OTHER ASSIGNEE	(hereinafter referred to as "ASSIGNEE") having places of business at: 1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, 448-8650 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any		
	Letters Patent that may be gran	nted therefore in the United States and its territorial po	ossessions and in any and all
	foreign countries;		
	NOW, THEREFORE, in c	consideration of the sum of FIVE DOLLARS (\$5.00),	the receipt whereof is hereby
		consideration of the suil of TTVE BODDING (OSLO) and valuable consideration, I (WE), by these present and exclusive right to the said invention in the United and interest in and to an	
	unto said ASSIGNEE, the full	II And exclusive light to the said investion and to an	wand all Letters Patent which

and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: _	May 14.2007	Muneaki Kurimoto (Signature of Inventor) Muneaki KURIMOTO
Date: _	May 16.2007	(Signature of Inventor) Hitoshi ISHIKAWA
Date: _		(Signature of Inventor) Eiichiro SHIGEHARA
Date: _		(Signature of Inventor)
Date: _		(Signature of Inventor)
Date: _		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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Docket No:

Assignment of Application

NSERT NAMES IND RESIDENCE	shi Tokyo Janan			
DORESS OF HE INVENTORS:	Aichi-ken,	Japan. (2) Hekinan-shi, Aichi-ken, Japan and (3) Chofu-s	sin, rony of paper	
•				
			, respectively,	
•		useful improvements in: RIPPLE DETECTING DEVIC		
insirt title of Invention:	have invented certain new and	useful improvements in <u>1827 20 22 12 22 2</u>		
INSERT DATE INVENTORS SIGNED DECLARATION:	For which an application for La	etters Patent was executed on		
		•		
	•) and	
	(Application No.	, filed), and	
	WHEREAS, AISIN SEIKI KABUSHIKI KAISHA			
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE	(hereinafter referred to as "ASSIGNEE") having places of business at: 1. Asahi-machi 2-chome. Kariya-shi. Aichi-ken. 448-8650 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;			
	acknowledged, and for other punto said ASSIGNEE, the functions and in all foreign	good and valuable consideration, I (WE), by these presult and exclusive right to the said invention in the I countries and the entire right, title and interest in and to	ents do sell, assign and transfer United States and its territorial any and all Letters Patent which	

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in

and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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Purther, I (WE) agree that I (WE) will communicate to said ASSIGNBE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Lener Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maior & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Tradamark Office for recordation of this document.

Date:		(Signature of Inventor)	Muneaki KURIMOTO	
Date:		(Simples of Egressor)	Hitoshi ISHIKAWA	
May	y 14, 2007		Shigehara	
Date:		(3) premies of inventor)	Eliohiro SHIGEHARA	
Date:		(Signature efficients)		
Date:		·		
•		(Signature of investor)		
Data:		(f) panie of inventor)		

OBLON, SPIVAK, McCLELLAND, MAYER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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RECORDED: 05/22/2007

PATENT

REEL: 019327 FRAME: 0827