PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3726005

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATSUYA MIURA	10/26/2015
SUSUMU OGAWA	11/22/2015
KENCHI ITO	11/24/2015
MASAKI YAMADA	11/19/2015

RECEIVING PARTY DATA

Name:	HITACHI, LTD.
Street Address:	6-6, MARUNOUCHI 1-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN
Postal Code:	100-8280

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14893060

CORRESPONDENCE DATA

Fax Number: (703)610-8686

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 7039039000

Email: tpurifoy@milesstockbridge.com, ipdocketing@milesstockbridge.com

ERIC G. KING **Correspondent Name:**

Address Line 1: MILES & STOCKBRIDGE P.C.

Address Line 2: 1751 PINNACLE DRIVE, SUITE 1500

Address Line 4: TYSONS CORNER, VIRGINIA 22102-3833

ATTORNEY DOCKET NUMBER:	T3381-22079US01/XA-13017
NAME OF SUBMITTER:	TYNISHA PURIFOY
SIGNATURE:	/Tynisha Purifoy/
DATE SIGNED:	02/04/2016

Total Attachments: 4

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> **PATENT** REEL: 037661 FRAME: 0442 503679369

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> PATENT REEL: 037661 FRAME: 0443

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD.,

a corporation organized under the laws of Japan,

located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SPIN WAVE DEVICE AND LOGIC CIRCUIT USING SPIN WAVE DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said HITACHI, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)

(発明者フルネームサイン)	(署名日)

1)	Katsuya Miura (Katsuya MIURA)	Occober 26, 2015
2)	(Susumu OGAWA)	
3)	(Kenchi ITO)	
4)	(Masaki YAMADA)	
5)		
6)		
7)		
8)		

PATENT REEL: 037661 FRAME: 0444

Date Signed

(譲渡証)

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INVENTOR(S)

(著名日)	(発明者フルネームサイン)	
	(Katsuya MIURA)	1)_
11/22/2015	Susumy Ogewer (Susumu OGAWA)	2)_
	V	3)_
·	(Masaki YAMADA)	4)_
		5)_
		6)_
·		7)_
		8)

PATENT REEL: 037661 FRAME: 0445

Date Signed

(譲渡証)

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(発明者フルネームサイン)		(署名日)	
1)_	(Katsuya MIURA)		
2)_	(Susumu OGAWA)		
3)_	Kenchi ITO)	11/24/2015	
4)_	(Masaki YAMADA)		
5)_			
6)_			
7)_			
8)			

PATENT REEL: 037661 FRAME: 0446

Date Signed

(譲渡証)

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Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日) ·
1)_	(Katsuya MiURA)	
2)_	(Susumu OGAWA)	
3)_	(Kenchi ITO)	
4) 7	Masaki YAMADA)	19 NOV. 2015
5)_		
6)_		
7)		
8)		

PATENT REEL: 037661 FRAME: 0447

RECORDED: 02/04/2016