## 505333352 02/18/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5380133

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT			
CONVEYING PARTY DA	TA		
		Name	Execution Date
ΥΟՏΗΙΤΑΚΑ ΚΑΤΟ			02/01/2019
KENJI KOMIYA			02/05/2019
YUSUKE SHINDO			02/07/2019
YOSHINORI HAYASHI			02/07/2019
KENICHI WAKABAYASH	11		02/07/2019
RECEIVING PARTY DA	ГА		
Name:	DENSC	CORPORATION	
Street Address:	1-1, SHOWA-CHO		
City:	KARIYA-CITY, AICHI-PREF.		
State/Country:	JAPAN		
Postal Code:	448-866	51	
PROPERTY NUMBERS Property Type		Number	
		16278337	
Fax Number:		(703)707-9112	
Correspondence will be		the a mail address first if that is upon	accorded it will be cont
using a fax number, if p	orovided	the e-mail address first; if that is unsu ; if that is unsuccessful, it will be sent	ccessful, it will be sent via US Mail.
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<i>using a fax number, if p</i> Phone: Email: Correspondent Name:	provided	<i>; if that is unsuccessful, it will be sent</i> 703 707 9110 mailbox@poszlaw.com POSZ LAW GROUP, PLC	ccessful, it will be sent via US Mail.
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<i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	provided	<i>I; if that is unsuccessful, it will be sent</i> 703 707 9110 mailbox@poszlaw.com POSZ LAW GROUP, PLC 12040 SOUTH LAKES DRIVE SUITE 101	ccessful, it will be sent via US Mail.
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using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	provided	<i>I; if that is unsuccessful, it will be sent</i> 703 707 9110 mailbox@poszlaw.com POSZ LAW GROUP, PLC 12040 SOUTH LAKES DRIVE SUITE 101	ccessful, it will be sent via US Mail.
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Client Ref: 186806-UST-YT-mik

	譲渡証				
ASSIGNMENT					
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離受者名: Assignee(s):	住所: Address(es):				
DENSO CORPORATION	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan				
as Assignee(s), and corresponding successors, assigns or ot	her legal representatives, the entire right, title and interest, in the United States of				
America, and its territories, dependencies and possessions, to certain inventions known as 発明の名称: Title of SEMICONDUCTOR DEVICE invention:					
上記発明についての米国登録特許証の出願は、 described in an application for Letters Patent of the United States executed					
本議護証と同日、もしくは on even date herewith					
※開出額番号としてに提出されたものです。 as U.S. Application Serial No filed on _					
また、本件署名者は、本件出願の継続出願や分割出願、更には、再発行特許の登録特許証に関しても同様に醸渡いたします。本件署名者は米国特許 商標局長宮が上記譲受人に登録特許証を発行することを許可、希望します。 本件署名者は、要求に応じて、すべての書面に署名すること、著約すること、更に、本件発明の確保・維持・権利行使のために、また、譲受人の権利確保 のために必要となるすべての手続を実行することに合意します。 本件署名者は、本件出願に関連して必要となった際に、上記譲受人が本件発明に関するすべての国際条約及び協定に基づく優先権を行使・要求する ことについて、それを許可し、その権限を上記譲受人に与えます。 本件署名者は、Posz Law Group, PLC に対して、この書面の登録に必要・適切となる追記をすることを許可します。					
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The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.					
発明者はここに付随する添付書面上にリストされます。 inventor(s) listed on the attached sheet which is incorporated herein by reference. 注記: 上記 本語抄訳は、本書面の理解の助けとして付記しております。正式な解釈は英文に基づき行われます。					
Note: The above Japanese text is for the purpose of helping the understanding of the reader. The interpretation of the Assignment should be based on the English text.					

## PATENT REEL: 048360 FRAME: 0292

Client Ref: 186806-UST-YT-mik

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#A::       Aperitation:       Yoshilaha Hata       Watilaha Hata         Signature:       Yoshilaka Kato       Bate:       Julian:         #A::       Signature:       Nenji Komiyo       Bate:       Julian:         #A::       Signature:       Nenji Komiyo       Bate:       Julian:       Julian:         #A::       Signature:       Nenji Komiyo       Bate:       Julian:       Julian:       Julian:         #A::       Signature:       Kenji Komiya       Bate:       Julian:       Julian: <td< th=""><th colspan="6">譲渡証(続き) ASSIGNMENT (Cont.)</th></td<>	譲渡証(続き) ASSIGNMENT (Cont.)					
#A::       Aperitation:       Yoshilaha Hata       Watilaha Hata         Signature:       Yoshilaka Kato       Bate:       Julian:         #A::       Signature:       Nenji Komiyo       Bate:       Julian:         #A::       Signature:       Nenji Komiyo       Bate:       Julian:       Julian:         #A::       Signature:       Nenji Komiyo       Bate:       Julian:       Julian:       Julian:         #A::       Signature:       Kenji Komiya       Bate:       Julian:       Julian: <td< th=""><th></th><th>Y.K. February 1.2019</th><th></th><th></th></td<>		Y.K. February 1.2019				
$\overline{B} 2 \oplus \overline{B}$ :       Kenji Komiya         Second Inventor:       Hunke Shinds $\overline{B} 3 \oplus \overline{B}$ :       Yoshinori Hayashi         Fourth Inventor:       Bate: $\overline{B} 3 \oplus \overline{B}$ :       Kenichi Makabayashi         Signature:       Kenichi Wakabayashi $\overline{B} 3 \oplus \overline{B}$ :       Kenichi Wakabayashi $\overline{B} 3 \oplus \overline{B}$ :       Signature: <td>Signature: 第1発明者:</td> <td>Aporitaka Yoshitaha Hata</td> <td></td> <td>February 1.2019</td>	Signature: 第1発明者:	Aporitaka Yoshitaha Hata		February 1.2019		
Third Inventor:       Youking Yuutut Ys. telung 2.2019       #& H:       Jeburary 7.2019         ##:       Juotut tel Signature:       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yeshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yeshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yeshinori Hayashi       Jeburary 7.2019       #       Jeburary 7.2019         ##:       Yeshinori Haya	Signature: 第 2 発明者:	Kenji Komiya		Jebruary 5, 2019		
Third Inventor:       Youking Yuutut Ys. telung 2.2019       #& H:       Jeburary 7.2019         ##:       Juotut tel Signature:       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yoshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yeshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yeshinori Hayashi       Jeburary 7.2019       #& H:       Jeburary 7.2019         ##:       Yeshinori Hayashi       Jeburary 7.2019       #       Jeburary 7.2019         ##:       Yeshinori Haya	Signature:	Jusuke Shinds		Feburary 7. 2019		
第 5 発明者:       Kenichi Wakabayashi         Fifth Inventor:       署名:         Signature:       Date:         第 6 差明者:       B名日:         Signature:       B名日:         Signature:       Date:         第 7 発明者:       Date:         Seventh Inventor:       B名日:         Signature:       Date:         第 7 発明者:       Date:         Seventh Inventor:       B名日:         Signature:       Date:         第 8 差明者:       B名日:         Signature:       B名日:         Date:       Date:         第 8 差明者:       B名日:         Signature:       Date:         第 9 差明者:       Ninth Inventor:         署名:       Signature:         Signature:       Date:         Signature:       Date:	Third Inventor: 署名: Signature: 第4発明者:	Yoshinori, Hayashi Generate Stringto Y.S. Jeluny 7.2019		Labruary 7. 2019 <del>Jebruary 7. 2019</del> 15 Homy		
Signature:	Signature: 第 5 発明者:	Kenichi Wahabayashi Kenichi Wakabayashi		Frebruary 7. 2019		
Signature:       Date:         第 7 発明者:       Seventh Inventor:         署名:       署名日:         Signature:       Date:         第 8 差明者:       Eighth Inventor:         署名:       醫名日:         Signature:       Date:         第 9 発明者:       Ninth Inventor:         署名:       醫名日:         Signature:       Date:         第 9 発明者:       Ninth Inventor:         署名:       醫名日:         Signature:       Date:         第 9 発明者:       Ninth Inventor:	Signature: 第6発明者:					
Signature:     Date:       第 8 発明者:     Eighth Inventor:       Bate:     Bate:	Signature: 第7発明者:					
Signature:     Date:       第 9 務明者:     Date:       Ninth Inventor:     署名日:       写ignature:     Date:	Signature: 第 8					
Signature: Date:	Signature: 第9発明者:					
Tenth inventor:	Signature: 第 10 発明者:					

## PATENT REEL: 048360 FRAME: 0293

**RECORDED: 02/18/2019**