## 504833004 03/22/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name		Execution Date		
SHIMPEI YASUKAWA				01/05/2018		
SATOSHI NAGATA				01/05/2018		
QUN ZHAO				01/05/2018		
RECEIVING PARTY D	ΑΤΑ					
Name:	NTT DOCOMO, INC.					
Street Address:	11-1, NA	11-1, NAGATACHO 2-CHOME, CHIYODA-KU				
City:	ΤΟΚΥΟ	ТОКҮО				
State/Country:	JAPAN	JAPAN				
Postal Code:	100-615	100-6150				
Property Type		Number				
PROPERTY NUMBERS	S Total: 1					
Application Number:	1	5751053				
CORRESPONDENCE I		710\000 0770				
	be sent to	713)228-8778 the e-mail address first; if a if that is unsuccessful, it v				
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ATTORNEY DOCKET NUMBER:		17401/588001				
NAME OF SUBMITTER:		MICHAEL MALDEI	MICHAEL MALDEI			
SIGNATURE:		/Michael Maldei/	/Michael Maldei/			
DATE SIGNED:		03/19/2018	03/19/2018			
Fotal Attachments: 2						
		and Assignment#page1.tif				
ource=17401.588001 D	eclaration a	and Assignment#page2.tif				

		いた宣言書及び譲渡証		
		claration and Assignment		
	日本語宣言	書及び論漢証		
Title of Invention: 発明の名称	USER APPARATUS AND SIG	NAL SYNCHRONIZATION METHOD		
私は、以下に配名された る:	発明者として、ここに下記の通り宣言す	As a below named inventor, I hereby declare that:		
この宣言書は、以下を対	まとする:	This declaration is directed to:		
🗋 本書に添付されて	いる出願、又は	The attached application, or		
米国出願番号又は	PCT 国際出願番号	United States application or PCT international application number		
printer and a state of the stat	として、	PCT/JP2016/073612		
Net and the second s	の日に提出された出願	filed on August 10, 2016		
上記出願は、私が作成し のである。	たもの、又は、私がその作成を認めたも	The above-identified application was made or authorized to be made by me.		
私は、この出願において の発明者又は最初の共同	特許請求範囲に記載された発明の、最初 発明者であると信じている。	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
る虚偽の陳述も、合衆国	書においてなされた、いかなる故意によ 法典第 18 編第 1001 条に基づき、罰金又 くはその両方により処罰されることを認	I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
一方、		WHEREAS, 22511 PATENT TRADEMARK OFFICE		
	NTT DOCO	MO, INC,		
(以下「譲受人」)は、		(hereinafter referred to as "ASSIGNEE") having a place of business at:		
	11-1, Nagatacho 2-chome, Chiyo	da-ku, Tokyo 100-6150 Japan		
ららゆる全ての外国にお	について、及び合衆国及びその領土及び いて付与されたあらゆる特許証につい 及び利益を取得することを希望し、	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;		
<ol> <li>私は、本瞭波証に、</li> <li>における該発明に対す。</li> <li>し他の関連する国際協定(</li> <li>重を主張する権利を含む)</li> <li>こての外国において付ち。</li> <li>ドその分割、再発行、継続</li> </ol>	部した有効にして価値ある対価と引き換 より、合衆国及びその領土及び全ての外 る完全で排他的な権利(国際条約及びそ の条項に従って、前記出願に基づく優先 と、合衆国及びその領土及びあらゆる されるあちゆる全ての特許証について及 廃、差し替え、及び夏新のあらゆる全て 権原、及び利益とを、該顧受人に売却 5。	NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention, in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Airangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patient which 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 renewal thereof.		
5 り保持されたであろうな 、得る存続期間の完全なよ 、及び非譲渡者による専用 「証を、該特許証について ご受人としての該譲受人に	度及び売却がなされなかったならば私に 働合と同様に完全且つ全体的に、付与さ 後まで、該譲受人、その(彼の)承継 見及び利益のために、あらゆる全ての特 この私の全ての権利、権原、及び利益の に、合衆国及びその領土及びあらゆる全 気局が発行することを許可し及び要請す	I 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 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 had this Assignificant and sale not been made.		

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更に、私は私が知る該発明に関するあらゆる事実を該議受人ま たはその(彼の)代理人に伝え、あらゆる法的手続きにおいて証 暫し、法の認めた書面に署名し、全ての分割、継続、一部継続、 差し替え、更新、及び再発行出願に署名し、全ての必要な議读書 類に署名することで該特許証のあらゆるもの全てが該譲受人に発 行されるようにし、正当な全ての誓約をし、更に該譲受人、その (彼の)承継人及び非譲渡者が合衆国及びその領土及びあらゆる 全ての外国において該発明について適切な保護を取得し及び行使 することを援助するために一般に可能なことを全て行うことを、 私は同意する。

Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters 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.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. § 1.69(B):         The Declaration and Assignment using an Application Data Sheet is an accurate translation of the corresponding English language Declaration and Assignment using an Application Data Sheet.         Signature:				
Dato: 1949 Jan. 5. 2018	Legal Name of Inventor; 発明者氏名 Inventor Signature; 発明者署名	Shimpei YASUKAWA Shimpei Maoukawa		
Date: Jan. 5. 2018	Legal Name of Inventor; 発明者氏名 Inventor Signature: 発明者署名	Satoshi NAGATA Saloshi Najja-la		
Date: 日付Jan .5. Zoll	Legal Name of Inventor; 発明者氏名 Inventor Signature; 発明者署名	Que ZHAO		

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## PATENT REEL: 045320 FRAME: 0802

**RECORDED: 03/22/2018**