

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5511298

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ENGLISH TRANSLATION previously recorded on Reel 047772 Frame 0350. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>		<b>Execution Date</b>	
TOSHIMITSU SAITO		02/13/2014	
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	KABUSHIKI KAISHA TOSHIBA		
<b>Street Address:</b>	1-1, SHIBAURA 1-CHOME		
<b>City:</b>	MINATO-KU, TOKYO		
<b>State/Country:</b>	JAPAN		
<b>Postal Code:</b>	105-8001		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>		
<b>Application Number:</b>	15363814		
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(949)760-9502		
<i>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.</i>			
<b>Phone:</b>	9497600404		
<b>Email:</b>	efiling@knobbe.com		
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR, LLP		
<b>Address Line 1:</b>	2040 MAIN STREET		
<b>Address Line 2:</b>	14TH FLOOR		
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614		
<b>ATTORNEY DOCKET NUMBER:</b>	SSTOSH.443C1		
<b>NAME OF SUBMITTER:</b>	DAMIEN J. HOWARD		
<b>SIGNATURE:</b>	/Damien J. Howard/		
<b>DATE SIGNED:</b>	05/07/2019		
<b>Total Attachments: 9</b>			
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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5283045

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TOSHIMITSU SAITO	02/13/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	KABUSHIKI KAISHA TOSHIBA	
<b>Street Address:</b>	1-1, SHIBAURA 1-CHOME	
<b>City:</b>	MINATO-KU, TOKYO	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	105-8001	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15363814
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(949)760-9502	
<i>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.</i>		
<b>Phone:</b>	949-760-0404	
<b>Email:</b>	efiling@knobbe.com	
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR, LLP	
<b>Address Line 1:</b>	2040 MAIN STREET	
<b>Address Line 2:</b>	14TH FLOOR	
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614	
<b>ATTORNEY DOCKET NUMBER:</b>	SSTOSH.443C1	
<b>NAME OF SUBMITTER:</b>	DAMIEN J. HOWARD	
<b>SIGNATURE:</b>	/Damien J. Howard/	
<b>DATE SIGNED:</b>	12/13/2018	
<b>Total Attachments: 4</b>		
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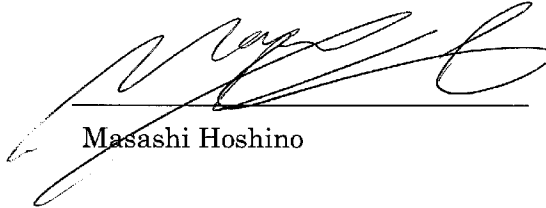
## TRANSLATION

I, Masashi Hoshino, residing at 8-11, Iwabuchimachi, Kita-ku, Tokyo, Japan, state:

that I know well both the Japanese and English languages;

that I translated the CERTIFICATE OF ASSIGNMENT OF INVENTIVE IDEA, from Japanese into English, U. S. Patent Application No. 15/363,814, filed on November 29, 2016, and that the attached English translation is a true and accurate translation to the best of my knowledge and belief.

Dated: December 13, 2018



Masashi Hoshino

Assignment and Agreement of application right

As regards this invention, I (inventor/creator) assign the right of patent (including utility model registration and design registration) to the company (TOSHIBA Corporation) and cooperate with the company to take procedures to obtain the patent right, in Japan and overseas. In addition, as regards this invention, the co-inventor(s) (inventor(s)/creator(s)) agree(s) assignment of the own share(s) to the user(s), etc. In addition, we agree with determination of the inventor contribution rates as mentioned above.

Assignment and Agreement of application right

[for engineering company inventor]

As regards this invention, I (inventor/creator) assign the right of patent (including utility model registration and design registration) to the company (DME) and cooperate with the company to take procedures to obtain the patent right, in Japan and overseas. In addition, as regards this invention, the co-inventor(s) (inventor(s)/creator(s)) agree(s) assignment of the own share(s) to the user(s), etc.

CERTIFICATE OF ASSIGNMENT OF INVENTIVE IDEA

Date of assignment: 2014-02-13

Proposal No. 3KB142019

Proposal Serial No. blank

Title of Invention

Automatic switching of TPM Version

SUMMARY OF INVENTION

blank

Employee Inventors

Employee No.	Name	Company	Business location	Section	Inventor contribution rate
blank	Tadashi Tsuji	blank	blank	blank	blank
blank	Toshimitsu Saito	blank	blank	blank	blank



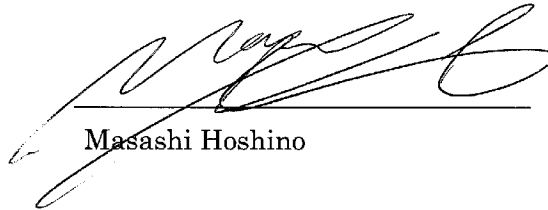
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Masashi Hoshino



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Automatic switching of TPM Version

SUMMARY OF INVENTION

blank

Employee Inventors

Employee No.	Name	Company	Business location	Section	Inventor contribution rate
blank	Tadashi Tsuji	blank	blank	blank	blank
blank	Toshimitsu Saito	blank	blank	blank	blank

[社外秘]

日渡讓

2014-02-13

提案整理番号

提案部課

発明の名称

## TPM Versionの自動切り替え

## 発明の概要

[illegible]

社内発明者

[illegible]

## 出願権の譲渡および同意

この発明に関し、私（発明者・考案者・創作者）は日本および外国において、特許（実用新案登録・意匠登録を含む）を受ける権利を貴社（株式会社 東芝）に譲渡し、貴社が行う特許権取得のための手続きに協力いたします。また、この発明に関し、共同発明者（考案者・創作者）がその使用者等に自己の持分を譲渡することに同意いたします。また、この発明の発明者寄与率に関し、上記の通り決定することに同意いたします。

社内発明者  
譲渡確認印  
(全員捺印)



社外発明者

[illegible]

**[エンジニアリング会社発明者用] 出願権の譲渡および同意**

この発明に関し、私（発明者・考案者・創作）は日本および外国において、特許（実用新案登録・意匠登録を含む）を受ける権利を貴社（ ）に譲渡し、貴社が行う特許権取得のための手続きに協力いたします。

また、この発明に関し、共同発明者（考案者・創作）がその使用者等に自己の持分を譲渡することに同意いたします。

エンジニアリング  
会社発明者  
(全員捺印)

知財 担当者	事業場	従業員番号	氏名	グループ
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