

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUSUKE NAITO	12/24/2019
MITSURU MATSUI	12/24/2019
DAISUKE SUZUKI	12/24/2019
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<b>State/Country:</b>	JAPAN
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16630741
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	2565-0611PUS1
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER SMITH
<b>SIGNATURE:</b>	/Christopher Smith/
<b>DATE SIGNED:</b>	01/13/2020
<b>Total Attachments: 3</b>	
source=2020-01-09_AssignmentasFiled_2565-0611PUS1#page1.tif	
source=2020-01-09_AssignmentasFiled_2565-0611PUS1#page2.tif	
source=2020-01-09_AssignmentasFiled_2565-0611PUS1#page3.tif	

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**DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS**  
UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

**特許および意匠出願の宣言書ならびに譲渡証**

米国特許権または米国およびその他の外国特許権

発明の名称	⇒	Title of Invention	⇒ ENCRYPTION DEVICE, DECRYPTION DEVICE, ENCRYPTION METHOD, DECRYPTION METHOD, ENCRYPTION PROGRAM, AND DECRYPTION PROGRAM
			As a below named inventor, I hereby declare that:
			This declaration is directed to the application attached hereto.
添付していない出願書	⇒	Application not Attached	⇒ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:
添付していない出願書	⇒	Enter Appln. No.	⇒ United States Application Number or PCT International Appln. No. PCT/JP2017/031639
出願日を記入	⇒	Enter Filing Date	⇒ filed on September 01, 2017
			The above-identified application was made or authorized to be made by me.
			I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
			I have reviewed and understand the contents of the above-identified application, including the claims.
			I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.
			WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.
譲渡人氏名を記入	⇒	Insert Name of Assignee	⇒ WHEREAS, Mitsubishi Electric Corporation
譲受人住所を記入	⇒	Insert Address of Assignee	⇒ of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 Japan,
			its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
該当する場合はボックスをチェック	⇒	Check Box if Appropriate	⇒ <input type="checkbox"/> in any foreign countries.

従って、有価、有益な対価を約因とし、その受領を確認した上で、署名人は売却、譲渡、移転しており、本状により、同譲受人にアメリカ合衆国ならびにその領土、属領、属国における当該発明の完全かつ排他的権利およびアメリカ合衆国ならびにその領土、属領、属国において、さらに上記のボックスに指定がある場合は、その他すべての外国において、同発明、ならびにその分割出願、再発行出願、継続出願、変更出願、延長出願に付与された特許証の満期にわたる、もしくは同上が付与された期間にわたるすべての権利、所有権、利益を売却、譲渡、移転します。

署名人は本願、ならびにその継続出願、分割出願、変更出願、再発行出願、延長出願に関連するすべての書類を履行することに同意し、譲受人が必要もしくは適切とみなす、これらの出願に関連して別途譲渡証を履行することにも同意します。

署名人は本願、もしくはその継続出願、分割出願、変更出願、再発行出願、または特許証、それに基づく再発行特許に関連して宣言される抵触に関する必要なすべての書類を履行することに同意し、証拠の取得、およびそのような抵触案件を進めるにあたり、あらゆる面において前記譲受人に協力することに同意します。

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署名人は有効な米国特許ならびに外国の特許の承認を取得し、本状で前記譲受人に譲渡した同特許のすべての権利を完全かつ全面的に付与して、本譲渡および売却が行われていなければ、署名人が保持していたのと同様にするために必要なすべての積極的な行為を履行することに同意します。

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署名人は、米国特許庁の規定に従うために必要であれば、さらに確認事項を記入する権利を Birch, Stewart, Kolasch & Birch, LLP 法律事務所に付与します。

署名人は、本譲渡に対立する譲渡、売却、契約、債務が締結されたことがなく、今後締結されることがないことに誓約します。

署名人は、本宣言で故意に虚偽の表明を行うと、米国法典第 18 編第 1001 条に基づき、罰金または 5 年以下の拘禁、もしくはその両方の処罰対象になることをここに認識します。

以上の証として、署名人氏名欄の隣の日付をもって署名人が署名します。

出願データシート (PTO/SB/14 もしくは同等のもの) に発明企業の名前を含み、本状を添える必要があります。各発明者に付き個別の用紙を使用するか、下記のボックスをチェックして添付ページに記入し、追加の発明者をリストしてください。

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

In witness whereof, executed by the undersigned on the date opposite the undersigned name.

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

**STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 C.F.R. § 1.69(b):**

The DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS is an accurate translation of the corresponding English language DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS.

Signature: 

Date: 9/25/2012

LEGAL NAME OF INVENTOR 発明者氏名		
Inventor's Name 発明者氏名	Inventor: Yusuke NAITO 発明者:	Date: 日付: December 24, 2019
Inventor's Signature 発明者署名	Signature: 署名: 内藤 祐介	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor: Mitsuru MATSUI 発明者:	Date: 日付: December 24, 2019
Inventor's Signature 発明者署名	Signature: 署名: 松本 充	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor: Daisuke SUZUKI 発明者:	Date: 日付: December 24, 2019
Inventor's Signature 発明者署名	Signature: 署名: 鈴木 大輔	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor:	Date: 日付:
Inventor's Signature 発明者署名	Signature: 署名:	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor:	Date: 日付:
Inventor's Signature 発明者署名	Signature: 署名:	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor:	Date: 日付:
Inventor's Signature 発明者署名	Signature: 署名:	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor:	Date: 日付:
Inventor's Signature 発明者署名	Signature: 署名:	
LEGAL NAME OF JOINT INVENTOR, IF ANY 共同発明者がいる場合の氏名		
Inventor's Name 発明者氏名	Inventor:	Date: 日付:
Inventor's Signature 発明者署名	Signature: 署名:	