504697970 12/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4744692

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKAYUKI NOZAKI	12/13/2017
YOSHISHIGE SUZUKI	12/13/2017
SHINJI YUASA	12/13/2017
YOICHI SHIOTA	12/13/2017
TAKUROU IKEURA	12/13/2017
HIROKI NOGUCHI	12/13/2017
KAZUTAKA IKEGAMI	12/13/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15827626

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SIGNATURE:	90218/RBR/for John P. White

PATENT 504697970 REEL: 044451 FRAME: 0919

DATE SIGNED:	12/20/2017
Total Attachments: 6	
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PATENT REEL: 044451 FRAME: 0920

2017002714 (16F0560)

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	RESISTANCE CHANGE TYPE MEMORY	
As the below r This declaration is directed to:	named inventor, I hereby declare that: In The attached application, or United States application or PCT international application number 15/827,626 filed on November 30, 2017.	
The above-ide	ntified 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.	
WHEREAS, National Institute of Advanced Industrial Science and Technology (hereinafter referred to as "ASSIGNEE") having places of business at: 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan 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;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, 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 Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent 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 renewals thereof.		
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 Assignment and sale not been made.		
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, 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.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C.		
LEGAL NAM Inventor: (1)	1001 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR Inventor: (1) Takayuki Nozaki Date: Date: DEC. 1 3, 2017	
Cionatura	Clarka ka ka Klama Ka	

2017002714 (16F0560)

Logal Name of Additional Joint Inventor, if any

Legal Name of Additional Joint Inventor, if any

(6) Hiroki Noguchi

(7) Kazutska Ikegami

Inventor's

Signature

Inventor's

Signature

SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheat(for PTO/AIA/08,09)	Page 2 of 2
Legal Name of Additional Joint Inventor, if any		
(2) Yoshishige Suzuki		
Inventor's Josta Stisse SC	IZUKI DEC. 1	3. 201 7
Legal Name of Additional Joint Inventor, if any		
(3) Shinji Yuasa		
Inventor's	72 + 42 + 1	,
Signature Legal Name of Additional Joint Inventor, if any	Date(Options	LV
(4) Yoichi Shiota	,	
Inventor's Signature	Date(Option:	aD
Legal Name of Additional Joint Inventor, if any	1-1	
(5) Takurou Ikeura		
Inventor's		
Signature	Date(Option:	aD .

Date(Optional)

Date(Optional)

PATENT REEL: 044451 FRAME: 0922

ADDITIONAL INVENTOR(S)

2017002714 (16F0560)

SOLL MENTENIAD SIME I POR DECLARATION	Supplemental Sheet(for PTO/AIA/08,09) Page 2 of 2
Legal Name of Additional Joint Inventor, if any	
(2) Yoshishige Suzuki	
Inventor's	
Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(3) Shinji Yuasa	
Inventor's Stringi Guasa	DEC. 13, 2017 Date(Optional)
Signature // Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(4) Yoichi Shiota	
Inventor's	
Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(5) Takurou Ikeura	
Inventor's Takutoc Cheuta	DEC. 13, 2017 Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(6) Hiroki Noguchi	
Inventor's	
Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(7) Kazutaka Ikegami	
Inventor's	,
Signature	Date(Optional)

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SUPPLEMENTAL SHEET FOR DECLARATION Supplemental Sheet (for PTO/AIA/08,09) Fago 2 of	
Legal Name of Additional Joint Inventor, if any	
(2) Yoshishige Suzuki	
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Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(3) Shinji Yuasa	
Inventor's	
Signature	Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(4) Yoichi Shiota	
Inventor's Yorki Shirta	DEC. 13, 2017 Date(Optional)
Legal Name of Additional Joint Inventor, if any	
(ö) Takurou Ikeura	1
Inventor's	
Signature Date(Optional)	
Legal Name of Additional Joint Inventor, if any	
(6) Hiroki Noguchi	
Inventor's	
Signature Date(Optional)	
Legal Name of Additional Joint Inventor, if any	
(7) Kazutaka Ikegami	
Inventor'e	, ,
Signature	Date(Optional)

COOPER&DUNHAM

	2017002714 (16F0560)	
SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S)	
Legal Name of Additional Joint Inventor, if any		
(2) Yoshishige Suzuki		
Inventor's	- (-)	
Signature	Date(Optional)	
Legal Name of Additional Joint Inventor, if any		
(3) Shinji Yuasa		
Inventor's		
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Legal Name of Additional Joint Inventor, if any		
(4) Yoichi Shiota		
Inventor's		
Signature	Data(Optional)	
Legal Name of Additional Joint Inventor, if any		
(5) Takurou Ikeura		
Inventor's		
Signature	Date(Optional)	
Legal Name of Additional Joint Inventor, if any		
(6) Hîroki Noguchi		
Inventor's Signature Historia Nograchi DEC. 13, 2017		
Legal Name of Additional Joint Inventor, if any		
(7) Kazutaka Ikegami		
Inventor's		
Signature	Date(Optional)	

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Inventor's Signature	Date(Optional)	
Legal Name of Additional Joint Inventor, if any		
(8) Shinji Yuasa		
Inventor's Signature	Date(Optional)	
Legal Name of Additional Joint Inventor, if any		
(4) Yoichi Shiota		
Inventor's Signature	Date(Optional)	
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(5) Takurou Ikeura		
Inventor's Signature	Date(Optional)	
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(6) Hiroki Noguchi		
Inventor's Signature	Date(Optional)	
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