503002058 10/02/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3048658

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PAR						
		1	Name		Execution Date	
UNIVERSITY OF E	ELECTRO-CO	MMUN	IICATIONS		09/30/2014	
Name:		SACHIKO MUROMURA				
Street Address:	6-7-1, F	6-7-1, FUDA, CHOFU-SHI				
City:		ΤΟΚΥΟ				
State/Country:	JAPAN					
Postal Code:	182002	1820024				
PROPERTY NUM	BERS Total: 1					
Property Type			Number			
Application Numb	per:	14488	340			
<i>using a fax numb</i> Email: Correspondent N	<i>er, if providea</i> ame:	l; if th a prosed FRON	e-mail address first; if that at is unsuccessful, it will cutiondocketing@flhlaw.cor IMER LAWRENCE & HAU	be sent m		
Correspondence using a fax numb Email: Correspondent N Address Line 1:	<i>er, if provided</i> ame:	I; if th a prosed FROM 745 FI	<i>at is unsuccessful, it will</i> cutiondocketing@flhlaw.cor IMER LAWRENCE & HAUG IFTH AVENUE	<i>be sent</i> m G LLP		
Correspondence using a fax numb Email: Correspondent N Address Line 1: Address Line 4:	<i>er, if provide</i> a ame:	<i>I; if th</i> a prosed FROM 745 FI NEW	at is unsuccessful, it will cutiondocketing@flhlaw.cor IMER LAWRENCE & HAUG IFTH AVENUE YORK, NEW YORK 10151	<i>be sent</i> m G LLP		
Correspondence using a fax numb Email: Correspondent N Address Line 1: Address Line 4:	<i>er, if provided</i> ame: ET NUMBER:	I; if th a prosec FROM 745 FI NEW	at is unsuccessful, it will cutiondocketing@flhlaw.cor IMER LAWRENCE & HAUG IFTH AVENUE YORK, NEW YORK 10151 458320-2020.2	<i>be sent</i> m G LLP		
Correspondence using a fax numb Email: Correspondent N Address Line 1: Address Line 4: ATTORNEY DOCK	<i>er, if provided</i> ame: ET NUMBER:	l; if that prosect FROM 745 FI NEW	at is unsuccessful, it will cutiondocketing@flhlaw.com IMER LAWRENCE & HAUG IFTH AVENUE YORK, NEW YORK 10151 458320-2020.2 SUE Z SMITH	<i>be sent</i> m G LLP		
Correspondence using a fax numb Email: Correspondent N Address Line 1: Address Line 4: ATTORNEY DOCK NAME OF SUBMIT SIGNATURE:	<i>er, if provided</i> ame: ET NUMBER:	l; if tha prosec FROM 745 FI NEW	at is unsuccessful, it will cutiondocketing@flhlaw.cor IMER LAWRENCE & HAUG IFTH AVENUE YORK, NEW YORK 10151 458320-2020.2 SUE Z SMITH //Seu Z Smith//	<i>be sent</i> m G LLP		
Correspondence using a fax numb Email: Correspondent Na Address Line 1:	<i>er, if provided</i> ame: ET NUMBER:	l; if tha prosec FROM 745 FI NEW	at is unsuccessful, it will cutiondocketing@flhlaw.com IMER LAWRENCE & HAUG IFTH AVENUE YORK, NEW YORK 10151 458320-2020.2 SUE Z SMITH	<i>be sent</i> m G LLP		

ASSIGNMENT

WHEREAS UNIVERSITY OF ELECTRO-COMMUNICATIONS (hereinafter "Assignor"), a Japanese Corporation, with offices at 1-5-1, Chofugaoka, Chofu-shi, Tokyo 1828585, Japan is the owner of the entire right, title and interest in and to the inventions disclosed in United States Patent Application No. 13/057,850, entitled BALL AND ENTERTAINMENT SYSTEM by virtue of an assignment thereof from the inventors, recorded in the United States Patent and Trademark Office on May 25, 2011, at Reel 026336 and Frame 0949; and

WHEREAS UNIVERSITY OF ELECTRO-COMMUNICATIONS caused Continuation Patent Application No. <u>14/488,340</u> to be filed on <u>September 17, 2014;</u>

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns and transfers to Sachiko Muromura, an individual, residing at 6-7-1, Fuda, Chofu-shi, Tokyo 1820024, Japan (hereinafter referred to as "Assignee"), her successors and assigns, its entire right, title and interest in and to said invention in said United States Continuation Patent Application No. <u>14/488,340</u> and to any and all patents that will issue, reexaminations, reissues or extensions thereof, in the United States of America, to be held and enjoyed as fully as they would have been by Assignor, had this assignment and transfer not been made, including the right to seek and obtain for Sachiko Muromura's own benefit, injunctive relief and recovery of damages for any past and/or future infringements, including enhanced damages and/or attorneys' fees;

By virtue of this Assignment, Assignor UNIVERSITY OF ELECTRO-

COMMUNICATIONS authorizes and requests the Commissioner of Patents and Trademarks to

1

01469402.DOC

PATENT REEL: 033869 FRAME: 0055 transfer any and all rights to said said Continuation Patent Application 14/488,340 and Letters Patent of the United States to Sachiko Muromura as Assignee.

In witness whereof, Assignor UNIVERSITY OF ELECTRO-

COMMUNICATIONS has caused this assignment to be executed on the day and year set forth below.

UNIVERSITY OF ELECTRO-COMMUNICATIONS

By:

2

TAKASHI FUKUDA, President

Rep. 30, 2014

01469402.DOC

PATENT REEL: 033869 FRAME: 0056 Atty. Docket: 458320-2020.2

The structure in the structure is a structure of the structure in the structure in the structure is a structure in the structure in the structure is a structure in the structure in the structure is a structure in the structure in the structure is a structure in the structure in the structure in the structure is a structure in the struc

PTC/AIA/96 (08-12) Approved for use through 01/31/2013. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

	ATEMENT UNDER 37 CFR 3.73(c)
Liniversity of Elec	tro-Communications
Application No./Patent No.: 14/488,340	Filed/issue Date: September 17, 2014 /STEM
Titled: BALL AND ENTERTAINMENT S	/STEM
University of Electro-Communications	, a corporation
(Name of Assignee)	(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that, for the patent application/patent is	dentified above, it is (choose <u>one</u> of options 1, 2, 3 or 4 below):
1. I The assignee of the entire right, title,	and interest.
	ght, title, and interest (check applicable box):
The extent (by percentage) of its o holding the balance of the interest mu	wnership interest is%. Additional Statement(s) by the owners <u>ist be submitted</u> to account for 100% of the ownership interest.
There are unspecified percentage right, title and interest are:	s of ownership. The other parties, including inventors, who together own the entire
Additional Statement(s) by the own right, title, and interest.	ner(s) holding the balance of the interest must be submitted to account for the entire
3. The assignee of an undivided interes The other parties, including inventors, who to	t in the entirety (a complete assignment from one of the joint inventors was made). gether own the entire right, title, and interest are:
Additional Statement(s) by the own right, title, and Interest.	er(s) holding the balance of the interest must be submitted to account for the entire
4. The recipient, via a court proceeding complete transfer of ownership interest was r	or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a nade). The certified document(s) showing the transfer is attached.
The interest identified in option 1, 2 or 3 abov	e (not option 4) is evidenced by either (choose one of options A or B below):
A. An assignment from the inventor(s) o the United States Patent and Tradem thereof is atlached.	f the patent application/patent identified above. The assignment was recorded in ark Office at Reel 028338 Frame 0949 , or for which a copy
B. A chain of title from the inventor(s), o	the patent application/patent identified above, to the current assignee as follows:
1. From:	To:
The document was recorde	d in the United States Patent and Trademark Office at
	e, or for which a copy thereof is attached.
	To:
	ed in the United States Patent and Trademark Office at
Reel, Fram	e, or for which a copy thereof is attached.
	[Page 1 of 2]

This collection of Information is required by 37 CFR 3,73(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.O. 122 and 37 CFR 1,11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/AIA/96 (08-12) Approved for use through 01/31/2013. OMB 0651-0031 Credemark Office: U.S. DEBABTMENT DE COMPSEIN

Statement under 37 CFR 3.73(c) 3. From:	Under the l	Paperwork Reduction Act of 1995, no persons a	U.S. Patent and Trade are required to respond to a collection of inform	emark Office; U.S. DEPARTMENT OF COMMERC ation unless it displays a vaild OMB control number				
The document was recorded in the United States Patent and Trademark Office at Reel	•		and the second					
The document was recorded in the United States Patent and Trademark Office at Reel	3, From:		To:	•				
4. From:								
The document was recorded in the United States Patent and Trademark Office at Reel		Reel, Frame	, or for which a copy there	eof is attached.				
The document was recorded in the United States Patent and Trademark Office at Reel	4. From:		To:					
5. From:		The document was recorded in the	The document was recorded in the United States Patent and Trademark Office at					
The document was recorded in the United States Patent and Trademark Office at Reel		Reel, Frame	, or for which a copy there	eof is attached.				
The document was recorded in the United States Patent and Trademark Office at Reel	5, From:		To:					
6. From:		The document was recorded in the	The document was recorded in the United States Patent and Trademark Office at					
The document was recorded in the United States Patent and Trademark Office at Reel		Reel, Frame	, or for which a copy then	eof is attached.				
The document was recorded in the United States Patent and Trademark Office at Reel	6. From:		To:					
Additional documents in the chain of title are listed on a supplemental sheet(s). As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08 The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Japa.30, 2014. Signature Date TAKASHI FUKUDA President		The document was recorded in the United States Patent and Trademark Office at						
As required by 37 GFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 GFR 3.11. INOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 GFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08 The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. <i>Tabashi Fukuda</i> Signature TAKASHI FUKUDA President		Reel, Frame	or for which a copy ther	eof is attached.				
assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 5.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08 The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Image: Construction of the construction	Add	itional documents in the chain of title	are listed on a supplemental sheet(s	3).				
Takashi TukudaNep. 30, 2014.SignatureDateTAKASHI FUKUDAPresident	assign	tee was, or concurrently is being, sut	f the original assignment document	s)) must be submitted to Assignment				
	Signature	shi Fakuda	authorized to act on behalf of the as	Nep. 30, 2014. Date				
			######################################	Title or Registration Number				

-

[Page 2 of 2]

PATENT REEL: 033869 FRAME: 0058

۶.

RECORDED: 10/02/2014