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**FORM PTO-1595** 

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RECORD.

05-30-2003



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ARTMENT OF COMMERCE

Patent and Trademark Office Docket No. 813137-157

5-22-03

To the Commissioner of Patents and Tra	ademarks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): 1) ANDREW ERIC TITCOMB 2) PETER M. NOFZ 3) BRUCE EUGENE DOBRIN 4) RONALD ALBERT FISCHER 5) JEROME CHEN  ☑ Individual(s) ☐ Association ☐ General Partnership ☐ Limited Partnership ☐ Corporation-State ☐ Other  Additional name(s) of conveying party(ies) attached? ☐  3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Na☐ Other: Execution Date: 1) May 19, 2003; 2) May 16, 2003; 3) May 4). May 13, 2003; and 5) May 14, 2003	Additional name(s) & address(es) attached? ☐ Yes ☑ No
_	pplication, the execution date of the application is: May 21, 2003  B. Patent No.(s)
5. Name and address of party to whom correspondence document should be mailed:	concerning  6. Total number of applications and patents involved: 1  7. Total fee (37 C.F.R. § 3.41): \$40.00
Brian M. Berliner O'MELVENY & MYERS LLP 400 South Hope Street Los Angeles, CA 90071-2899	Enclosed  Authorized to be charged to deposit account, referencing Attorney Docket  8. Deposit account number: 50-0639
	R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No 50-0639
Do	O NOT USE THIS SPACE
<ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the foregoin document.</li> <li>Name: <u>Brian M. Berliner</u> Registration No: 34,549</li> </ol>	ng information is true and correct and any attached copy is a true copy of the original    May 22, 2003
	recorded with required cover sheet information to:
9/2003 DBYRNE 00000142 10443506 C:8021 40.00 OP	S. Patent and Trademark Office Office of Public Records Box Assignments Crystal Gateway 4, Room 335 Washington, D.C. 20231 comprising cover sheet, attachments and document: 21
LA2:673546.1	

WHEREAS, I, a joint inventor of certain new and useful improvements in WHEEL MOTION CONTROL INPUT DEVICE FOR ANIMATION SYSTEM for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Pictures Entertainment Inc., a Delaware corporation with offices at 10202 West Washington Boulevard, Culver City, California 90232-3195 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto:

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, application and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid

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invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense:

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s	• •
insert the execution date, serial number and filing date of that follows: Serial Number:, Fi	· · · · · · · · · · · · · · · · · · ·
This assignment is being executed on the date inc	, ,
ANDREW ERIC TITCOMB	Dated: 5/19/03
	Dated:
PETER M. NOFZ	Dated:
BRUCE EUGENE DOBRIN	Dated:
RONALD ALBERT FISCHER	Dated:
JEROME CHEN	
STATE OF CALIFORNIA	
On this 19th day of MAN LENE 1. MARYLAY	ANDREW ERIC TITCOME
On this 19 day of MATI before me, CHARLENE 1. MARYLAY  Dublic personally appeared the above pared designer.	, in the year of 2003, Notary
Public, personally appeared the above-named assignore proved to me on the basis of satisfactory evidence) to subscribed to the within instrument, and acknowledged to the same in his/har/their authorized capacity(ies), and the instrument, the person(b) or the entity unit behalf	be the person whose name is o me that he/she/they executed out(h)s/brer/their signature(sy) on
the instrument, the person() or the entity upon behalf executed the instrument.	of which the personing acted,

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On this day before me, Public, personally appeared the ab proved to me on the basis of satis subscribed to the within instrument,	oove-named assignors factory evidence) to	be the person whose name is
the same in his/her/their authorized the instrument, the person(s) or the executed the instrument.	I capacity(ies), and th	nat his/her/their signature(s) on
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On this day before me,	factory evidence) to be and acknowledged to capacity(ies), and the	be the person whose name is me that he/she/they executed at his/her/their signature(s) on
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On this	day of	, in the year of 2003,
before me,		, Notary
		gnors, personally known to me (or
		) to be the person whose name is
		ed to me that he/she/they executed
		nd that his/her/their signature(s) on
the instrument, the perso	n(s) or the entity upon be	half of which the person(s) acted,
executed the instrument.		

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insert the execution date, serial number and filing date that follows: Serial Number:, f	of this application in the spaces
This assignment is being executed on the date in	ndicated below.
ANDREW ERIC TITCOMB	Dated:
PETER M. NOFZ	Dated: 05/16/03
BRUCE EUGENE DOBRIN	Dated:
RONALD ALBERT FISCHER	Dated:
JEROME CHEN	Dated:
STATE OF CALIFORNIA)	
On this day of MARYLAND COUNTY OF WARLENGE L. MARYLAND Defore me, WHARLENGE L. MARYLAND DEFORM TO SUBSCRIBE TO THE BASIS OF SATISFACTORY EVIDENCE) to subscribed to the within instrument, and acknowledged to the same in his/her/their authorized capacity(ies), and the instrument, the person(s) or the entity upon behalt	be the person whose name is to me that be/st/le/they executed that be/st/le/they executed that bis/mer/their signature/st) on
executed the instrument.	

CHARLENE L. MARYLAND
Commission # 1290696
Notary Public - Colliantia
Los Angeles County
My Comm. Expless Jan 13, 2005
PATENT

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COUNTY OF		)		
before me, Public, perso proved to me subscribed to the same in I	nally appeared the on the basis of some the basis of some the within instrumnis/her/their authorat, the person(s)	e above-na satisfactory ent, and ac rized capac	med assignors, per evidence) to be the knowledged to me t ity(ies), and that his	, in the year of 2003, Notary rsonally known to me (or e person whose name is that he/she/they executed s/her/their signature(s) on hich the person(s) acted
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On thisbefore me.	<del></del>	, Notary
Public, personally appear proved to me on the bas subscribed to the within in the same in his/her/their	sis of satisfactory evidence) histrument, and acknowledge authorized capacity(ies), an	nors, personally known to me (or to be the person whose name is ed to me that he/she/they executed and that his/her/their signature(s) on half of which the person(s) acted,

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This assignment is being executed on the date	indicated below.
ANDREW ERIC TITCOMB	Dated:
ANDREW ERIC HICOMB	D
PETER M. NOFZ	Dated:
BRUCE EUGENE DOBRIN	Dated: May 12. 2013
RONALD ALBERT FISCHER	Dated:
JEROME CHEN	Dated:
STATE OF (ALIFORNIA)  SS.	
On this 12 day of MA11 before me, CHARLENE 1. MARY!  Public, personally appeared the above named assign	BRUCE ENGERE DIBITA  in the year of 2003,  Notary  pors, personally known to me for
proved to me on the basis of satisfactory evidence) subscribed to the within instrument, and acknowledged the same in his/her/the/r authorized capacity(ies), and the instrument, the person(x) or the entity upon behind the instrument.  LA2:671811.1	to be the person whose name is I to me that he/s/ke/th/ey executed I that his/hær/th/eir signature(//) on

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On thisbefore me,	day of	, in the year of 2003, , Notary nors, personally known to me (or
proved to me on the subscribed to the with the same in his/her/tl	basis of satisfactory evidence) nin instrument, and acknowledge heir authorized capacity(ies), and person(s) or the entity upon beh	nors, personally known to me (or to be the person whose name is d to me that he/she/they executed d that his/her/their signature(s) on half of which the person(s) acted,
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AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Pictures Entertainment Inc., a Delaware corporation with offices at 10202 West Washington Boulevard, Culver City, California 90232-3195 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

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This assignment is being executed on the date	indicated below.
ANDREW ERIC TITCOMB	Dated:
PETER M. NOFZ	Dated:
DDUOE EUGENE DODDIN	Dated:
BRUCE EUGENE DOBRIN  AMA  RONALD ALBERT FISCHER	Dated: 5/13/3
JEROME CHEN	Dated:
STATE OF CALLEDONA (FULL)	
COUNTY OF LOS ANGELES.) SS.	ROBIALD Albert Frscher
On this 13th day of MATI before me, CHARLENE L. MARY LAND—Public, personally appeared the above named assign proved to me on the basis of satisfactory evidence)	<del>iofs,</del> personally known to me <del>(or-</del>
subscribed to the within instrument, and acknowledged the same in his/ber/their authorized capacity(ies), and the instrument, the person(s) or the entity upon behind	to me that he/she/they executed that(his/hyr/their signature(s) on
executed the instrument.	CHARLENE L. MARYLAND Commission # 1290696 Notary Public - California

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before Public, proved subscrib the sam the instr	me,	ne above-r satisfactor nent, and a prized capa	named assignors, pers y evidence) to be the acknowledged to me th acity(ies), and that his	, in the year of 2003, Notary sonally known to me (or person whose name is nat he/she/they executed /her/their signature(s) or ich the person(s) acted
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On this	day of	, in the year of 2003,			
before me,		, Notary			
Public, personally appear	ed the above-named ass	ignors, personally known to me (or			
proved to me on the bas	is of satisfactory evidence	e) to be the person whose name is			
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the same in his/her/their a	authorized capacity(ies), a	nd that his/her/their signature(s) on			
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		attorney(s) of record in this application to		
		iling date of this application in the spaces		
that follows. Serial Nu	mber.	, Filing Date:		
This assignmen	t is being executed on th	ne date indicated below.		
		Dated:		
ANDREV	V ERIC TITCOMB			
		Dated:		
PETER N	1. NOFZ			
		Dated:		
BRUCE E	EUGENE DOBRIN	Dateu		
		Dated:		
RONALD	ALBERT FISCHER			
Leone	Chen	Dated: 5-14-03		
JEROME	CHĚN			
STATE OF	)			
	SS.			
COUNTY OF	)			
On this	day of	, in the year of 2003,		
belore me,		, Notary		
		l assignors, personally known to me (or dence) to be the person whose name is		
		wledged to me that he/she/they executed		
		es), and that his/her/their signature(s) on		
the instrument, the per executed the instrumen		on behalf of which the person(s) acted,		
skeduced the metrament.				

STATE OF		
	SS.	
COUNTY OF	)	
On this before me,	day of	, in the year of 2003, , Notary
proved to me on the besubscribed to the within the same in his/her/the	easis of satisfactory evidence in instrument, and acknowledge Fir authorized capacity(ies), and rson(s) or the entity upon be	gnors, personally known to me (or gnors, personally known to me (or e) to be the person whose name is ged to me that he/she/they executed and that his/her/their signature(s) on ehalf of which the person(s) acted,
STATE OF	)	
	SS.	
COUNTY OF	)	
Deloic inc,		, in the year of 2003, , Notary
proved to me on the b subscribed to the within the same in his/her/the	asis of satisfactory evidence instrument, and acknowledgo ir authorized capacity(ies), ar rson(s) or the entity upon be	gnors, personally known to me (or ) to be the person whose name is ed to me that he/she/they executed nd that his/her/their signature(s) on that of which the person(s) acted,
STATE OF	)	
COUNTY OF	SS)	
On this	day of	in the year of 2003, Notary gnors, personally known to me (or
proved to me on the b subscribed to the within the same in his/her/the	asis of satisfactory evidence) instrument, and acknowledge ir authorized capacity(ies), ar rson(s) or the entity upon be	gnors, personally known to me (or ) to be the person whose name is ed to me that he/she/they executed had that his/her/their signature(s) on that of which the person(s) acted,

STATE OF	)				
COUNTY OF	SS. )				
On thisbefore me.	day of	, in the year of 2003, Notary			
Public, personally appeared the above-named assignors, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is					
subscribed to the within in	strument, and acknowledg	ged to me that he/she/they executed and that his/her/their signature(s) on			
	• • • • • • • • • • • • • • • • • • • •	ehalf of which the person(s) acted,			

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**RECORDED: 05/22/2003**