PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
George Lucas	01/29/2013
Domenico Porcino	01/31/2013
Adam Schnitzer	01/25/2013
Louise Rasmussen	11/06/2012
Kent Oberheu	01/22/2013

RECEIVING PARTY DATA

Name:	Lucasfilm Entertainment Company Ltd.
Street Address:	P.O. Box 29909
City:	San Francisco
State/Country:	CALIFORNIA
Postal Code:	94129-0909

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13679046

CORRESPONDENCE DATA

8777697945 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

650-839-5050 Phone: bradley@fr.com Email: Correspondent Name: Brian J. Gustafson

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20567-0113001
NAME OF SUBMITTER:	Brian J. Gustafson

REEL: 029819 FRAME: 0672

PATENT

Total Attachments: 10 source=0113001Assignment#page1.tif source=0113001Assignment#page2.tif source=0113001Assignment#page3.tif source=0113001Assignment#page4.tif source=0113001Assignment#page5.tif source=0113001Assignment#page6.tif source=0113001Assignment#page7.tif source=0113001Assignment#page8.tif

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PATENT REEL: 029819 FRAME: 0673

ASSIGNMENT

For valuable consideration, we, <u>GEORGE LUCAS</u> of <u>P.O. Box 29909</u>, <u>San Francisco</u>, <u>CA 94129-0909</u>, <u>DOMENICO PORCINO</u> of <u>590 Whitewood Drive</u>, <u>San Rafael</u>, <u>CA 94903</u>, <u>ADAM SCHNITZER</u> of <u>316 Keller Street</u>, <u>Petaluma</u>, <u>CA 94952</u>, <u>LOUISE RASMUSSEN</u> of <u>90 Gregory Drive</u>, <u>Fairfax</u>, <u>CA 94930</u>, <u>KENT OBERHEU</u> of <u>1615 Cedar Street</u>, <u>Berkeley</u>, <u>CA 94703</u>, hereby assign to:

<u>Lucasfilm Entertainment Company Ltd.</u>, a corporation of <u>California</u> having a place of business at:

P.O. Box 29909 San Francisco, CA 94129-0909; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PATH AND SPEED BASED CHARACTER CONTROL, filed 11/16/2012, and assigned U.S. Serial Number 13/679,046, which claims priority to U.S. Provisional Application Number 61/561,654, filed 11/18/2011, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 2

	Attorney's Docker No.: 20567-0113001
Date: 1-29-13	GEORGE LUCAS
Date:	DOMENICO PORCINO
Date:	ADAM SCHNITZER
Date:	LOUISE RASMUSSEN
Date:	KENT OBERHEU

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ASSIGNMENT

For valuable consideration, we, <u>GEORGE LUCAS</u> of <u>P.O. Box 29909</u>, <u>San Francisco</u>, <u>CA 94129-0909</u>, <u>DOMENICO PORCINO</u> of <u>590 Whitewood Drive</u>, <u>San Rafael</u>, <u>CA 94903</u>, <u>ADAM SCHNITZER</u> of <u>316 Keller Street</u>, <u>Petaluma</u>, <u>CA 94952</u>, <u>LOUISE RASMUSSEN</u> of <u>90 Gregory Drive</u>, <u>Fairfax</u>, <u>CA 94930</u>, <u>KENT OBERHEU</u> of <u>1615 Cedar Street</u>, <u>Berkeley</u>, <u>CA 94703</u>, hereby assign to:

<u>Lucasfilm Entertainment Company Ltd.</u>, a corporation of <u>California</u> having a place of business at:

P.O. Box 29909 San Francisco, CA 94129-0909; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PATH AND SPEED BASED CHARACTER CONTROL, filed 11/16/2012, and assigned U.S. Serial Number 13/679,046, which claims priority to U.S. Provisional Application Number 61/561,654, filed 11/18/2011, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:	GEORGE LUCAS
Date: 31 Jan 13	DOMENICO PORCINO
Date:	DOMINICOTORCINO
	ADAM SCHNITZER
Date:	LOUISE RASMUSSEN
Date:	KENT OBERHEU

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REEL: 029819 FRAME: 0677

ASSIGNMENT

For valuable consideration, we, <u>GEORGE LUCAS</u> of <u>P.O. Box 29909</u>, <u>San Francisco</u>, <u>CA 94129-0909</u>, <u>DOMENICO PORCINO</u> of <u>590 Whitewood Drive</u>, <u>San Rafael</u>, <u>CA 94903</u>, <u>ADAM SCHNITZER</u> of <u>316 Keller Street</u>, <u>Petaluma</u>, <u>CA 94952</u>, <u>LOUISE RASMUSSEN</u> of <u>90 Gregory Drive</u>, <u>Fairfax</u>, <u>CA 94930</u>, <u>KENT OBERHEU</u> of <u>1615 Cedar Street</u>, <u>Berkeley</u>, <u>CA 94703</u>, hereby assign to:

<u>Lucasfilm Entertainment Company Ltd.</u>, a corporation of <u>California</u> having a place of business at:

P.O. Box 29909 San Francisco, CA 94129-0909; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PATH AND SPEED BASED CHARACTER CONTROL, filed 11/16/2012, and assigned U.S. Serial Number 13/679,046, which claims priority to U.S. Provisional Application Number 61/561,654, filed 11/18/2011, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

REEL: 029819 FRAME: 0678

Date:	
	GEORGE LUCAS
Date:	DOMENIGO PORCINO
Date: Jan. 25, 201	
Date:	LOUISE RASMUSSEN
Date:	KENT OBERHEU

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REEL: 029819 FRAME: 0679

<u>ASSIGNMENT</u>

For valuable consideration, we, <u>DOMENICO PORCINO</u> of <u>590 Whitewood Drive, San Rafael, CA 94903</u>, <u>ADAM SCHNITZER</u> of <u>316 Keller Street</u>, <u>Petaluma, CA 94952</u>, <u>LOUISE RASMUSSEN</u> of <u>90 Gregory Drive</u>, <u>Fairfax</u>, <u>CA 94930</u>, <u>GEORGE LUCAS</u> of <u>P.O. Box 29909</u>, <u>San Francisco</u>, <u>CA 94129-0909</u>, <u>KENT OBERHEU</u> of <u>1615 Cedar Street</u>, <u>Berkeley</u>, <u>CA 94703</u>, hereby assign to:

<u>Lucasfilm Entertainment Company Ltd.</u>, a corporation of <u>California</u> having a place of business at:

P.O. Box 29909 San Francisco, CA 94129-0909; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PATH AND SPEED BASED CHARACTER CONTROL, filed 11/16/12 , and assigned U.S. Serial Number 13/679, 046, which claims priority to U.S. Provisional Application Number 61/561,654, filed 11/18/2011, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 2

Date:	DOMENICO PORCINO
Date:	ADAM SCHNITZER
Date:	QUISE RASMUSSEN
Date:	GEORGE LUCAS
Date:	KENT OBERHEU

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ASSIGNMENT

For valuable consideration, we, <u>GEORGE LUCAS</u> of <u>P.O. Box 29909</u>, <u>San Francisco</u>, <u>CA 94129-0909</u>, <u>DOMENICO PORCINO</u> of <u>590 Whitewood Drive</u>, <u>San Rafael</u>, <u>CA 94903</u>, <u>ADAM SCHNITZER</u> of <u>316 Keller Street</u>, <u>Petaluma</u>, <u>CA 94952</u>, <u>LOUISE RASMUSSEN</u> of <u>90 Gregory Drive</u>, <u>Fairfax</u>, <u>CA 94930</u>, <u>KENT OBERHEU</u> of <u>1615 Cedar Street</u>, <u>Berkeley</u>, <u>CA 94703</u>, hereby assign to:

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its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PATH AND SPEED BASED CHARACTER CONTROL, filed 11/16/2012, and assigned U.S. Serial Number 13/679,046, which claims priority to U.S. Provisional Application Number 61/561,654, filed 11/18/2011, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date:	
	GEORGE LUCAS
Date:	
Date.	DOMENICO PORCINO
Date:	
	ADAM SCHNITZER
Date:	LOUISE RASMUSSEN
Date: 2013.01.22	Lan Berken
	KENT OBERHEU

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