504624017 11/02/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
ONVEYING PARTY [DATA			
		Name E	xecution Date	
THE WALT DISNEY CO	OMPANY	SWITZERLAND) GMBH 11,	/02/2017	
RECEIVING PARTY D	ΑΤΑ			
Name:	DISNE	YENTERPRISES, INC.		
Street Address:	500 S. I	500 S. BUENA VISTA STREET		
City:	BURBA	NK		
State/Country:	CALIFC	RNIA		
Postal Code:	91521			
Property Type		Number		
Property Type Application Number:		Number 15798601		
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Patent Application Assignment Atty Docket No. 50402-00526 Client Ref. No.: 17-DIS-183-PR-US-UTL

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, The Walt Disney Company (Switzerland) GmbH, a Swiss Corporation, with offices at Hoeschgasse 45, CH-8008, Zürich, Switzerland hereinafter referred to as "Assignor," is the owner of all or part of the right, title and interest in the inventions described and set forth in the below-identified patent application for United States Letters Patent:

Date(s) of execution of Declaration: 10/27/2017, 10/29/2017, 10/27/2017, 10/27/ Filing Date: October 31, 2017	
Filing Date: October 31, 2017	017
Patent Application No. 15/798,601	nd

WHEREAS, Disney Enterprises, Inc., a Delaware Corporation, with offices at 500 S. Buena Vista Street, Burbank, CA 91521, hereinafter referred to as "Assignee," is desirous of acquiring an interest and/or a joint undivided interest in the invention and patent application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all of the rights Assignor held as to right, title and interest in and to each and every invention disclosed in the patent application, the patent application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the patent application as provided by the Paris Convention or otherwise. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof, and the right to recover, and to bring all such proceedings as may be necessary for the recovery of, damages or other forms of relief in respect of any and all infringements of the Letters Patent or Registrations, and all rights under the International Convention for the Protection of Industrial Property.

Assignor further agrees that it will, without charge to Assignor, but at Assignce's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Marsh Fischmann & Breyfogle, LLP, 4840 Pearl East Circle, #200W. Boulder, CO 80301, to insert hereinabove the application number, declaration dates and filing date of the above-referenced patent application when known, if not already present.

IN TESTIMONY WHEREOF, Assignor has signed its name on the date indicated.

-2 NOV 2017

Dr. Markus Gross Title: Vice President of Research, Disney Research, Zürich For: The Walt Disney Company (Switzerland) OmbH

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PATENT REEL: 044352 FRAME: 0530

RECORDED: 11/02/2017