504319020 04/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4365702

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
THE WALT DISNEY (COMPANY	(SWITZERLAND) GMBH		02/23/2017	
RECEIVING PARTY I	DATA				
Name:		DISNEY ENTERPRISES, INC.			
Street Address:	500 SO	500 SOUTH BUENA VISTA STREET			
City:	BURBA	BURBANK			
State/Country:	CALIFC	CALIFORNIA			
Postal Code:	91521				
	•				
PROPERTY NUMBER	RS Total: 1				
Property Typ)e	Number			
Application Number		15427807			
CORRESPONDENCE	Ε DATA				
Fax Number:		(713)623-4846			
		the e-mail address first; if that is ; if that is unsuccessful, it will be			
Phone:	-	713-623-4844			
		chavis@pattersonsheridan.com,	· · · · · · · · · · · · · · · · · · ·		
Correspondent Nam		osdocketing@pattersonsheridan.co PATTERSON + SHERIDAN, LLP /			
-		24 GREENWAY PLAZA	DIGINET		
Address Line 2:		SUITE 1600			
Address Line 4:		HOUSTON, TEXAS 77046-2472			
ATTORNEY DOCKET NUMBER:		DISN/0307US (085397)	DISN/0307US (085397)		
NAME OF SUBMITTER:		JENNIFER CHAVIS	JENNIFER CHAVIS		
NAME OF SUBMITTE		/ Learniferr Oleander/	/Jennifer Chavis/		
		Jenniter Chavis/			
NAME OF SUBMITTEI SIGNATURE: DATE SIGNED:		04/12/2017			
SIGNATURE:					
IGNATURE: ATE SIGNED: otal Attachments: 1	ExecutedAs				

Patent Assignment Attorney Docket No.: DISN/0307US (085397) Disney Ref. No.: 16-DIS-232-STUDIO-US-UTI.

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, The Walt Disney Company (Switzerland) GmbH, a Swiss Corporation, with offices at Höschgasse 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:

Title of Invention:	EFFICIENT RENDERING OF HETEROGENEOUS
	POLYDISPERSE GRANULAR MEDIA
Date(s) of execution of Declaration:	January 6, 2017 and February 6, 2017
Filing Date:	February 8, 2017
Patent Application No.:	15/427,807; and

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 Assignee'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 Patterson & Sheridan, L.L.P., 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 pame on/the date indicated.

Dated: 2 3. FOD 2017

Dr. Markus Gross Title: Local Director, Disney Research, Kürich For: The Walt Disney Company (Switzerland) GmbH

4762933

Page Fof I

RECORDED: 04/12/2017