504478183 07/28/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALANSON SAMPLE	07/28/2017

RECEIVING PARTY DATA

Name:	DISNEY ENTERPRISES, INC.	
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City:	BURBANK	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15586220

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ATTORNEY DOCKET NUMBER:	15-DIS-210-PR-US-CIP
NAME OF SUBMITTER:	ROBERT G. CROUCH
SIGNATURE:	/ROBERT G. CROUCH/
DATE SIGNED:	07/28/2017

Total Attachments: 1

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PATENT REEL: 043124 FRAME: 0287 504478183

ASSIGNMENT & APPOINTMENT OF COMMON REPRESENTATIVE

WHEREAS, I, ALANSON SAMPLE, of PITTSBURGH, PA, have invented a certain new and useful invention entitled "HIGH-Q AND OVER-COUPLED NEAR-FIELD RFID READER ANTENNA FOR IMPROVED TAG READ RANGE" for which a patent application was filed the United States Patent & Trademark Office, said application being identified as Application No. 15/586,220, filed on May 3, 2017, and also identified as Attorney Docket No. 15-DIS-210-PR-US-CIP (50402-00522), (the "Application").

NOW THEREFORE, be it known that I, for and in consideration of certain good and valuable consideration the sufficiency and receipt of which is hereby acknowledged at the request of the assignee, do sell, assign, and transfer unto said assignee, DISNEY ENTERPRISES, INC. a Delaware corporation having a place of business at 500 S. Buena Vista Street, Burbank, CA 91521-0165 its successors, legal representatives and assigns, the aforesaid Application and all rights to claim priority directly or indirectly to the aforesaid Application and all converted non-provisional utility, continuation, divisional, continuation-in-part and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; I also assign any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; I warrant that no assignment of the invention(s), application or patent therefor has been made to a party other than DISNEY ENTERPRISES, INC.; I warrant that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than DISNEY ENTERPRISES, INC., and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner for Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **DISNEY ENTERPRISES**, **INC.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

Furthermore, I hereby irrevocably appoint **DISNEY ENTERPRISES**, **INC.**, its successors, legal representatives and assigns, as common representative for any and all international patent applications filed pursuant to the Patent Cooperation Treaty, and all national phase applications derived therefrom, concerning the invention(s) or claiming priority from the aforesaid application.

IN WITNESS WHEREOF, the party hereto has executed this Assignment & Appointment of Common

Representative as of the date indicated hereunder.

Date:

ву:

TANICONI CANADI