## 505260458 01/03/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
NICOLAS SCAPEL			11/02/2018		
GUILLAUME PIERRE AN	NDRE BA	RLIER	11/05/2018		
JD GARDNER			11/02/2018		
AURELIO GUZMAN			11/05/2018		
RECEIVING PARTY DA	ТА				
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City:	CUPERT	CUPERTINO			
State/Country:	CALIFO	CALIFORNIA			
Postal Code:	95014				
Broparty Type		Numbor			
Property Type Application Number:	1	<b>Number</b> 6142305			
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> PATENT REEL: 047891 FRAME: 0052

## ASSIGNMENT

This Assignment is by:

- Nicolas SCAPEL c/o Apple Inc. One Apple Park Way Cupertino, California 95014
- Guillaume Pierre André BARLIER c/o Apple Inc.
   One Apple Park Way Cupertino, California 95014
- JD GARDNER c/o Apple Inc. One Apple Park Way Cupertino, California 95014
- Aurelio GUZMAN
  c/o Apple Inc.
  One Apple Park Way
  Cupertino, California 95014

(referred to in this Assignment as "Assignors"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Apple Inc. Address: One Apple Park Way, Cupertino, California 95014 A juristic entity duly organized under and pursuant to the laws of: California

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under said patent application and the inventions covered thereby.

Assignors have invented certain new and useful inventions in:

AVATAR CREATION USER INTERFACE

for which the following application has been filed in the United States of America.

Serial No.: 16/142,305 Filing Date: September 26, 2018

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may

Dentons US LLP 109422681

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2. Assignors represent, warrant and covenant (a) that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said nonprovisional application and application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignors solely and lawfully owned the entire right, title and interest in and to said inventions and said non-provisional application and application for letters patent, and that the same were unencumbered and that Assignors sold, assigned, transferred and set over to Assignee and its successors, legal representatives and assigns, the entire right, title and interest in and to said inventions and said non-provisional application and application for letters patent.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said non-provisional application and application for letters patent; (b) any division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through any reissue, re-examination or other post-grant proceeding. To be clear, for purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patent of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. I hereby grant to attorneys of Dentons US LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment, including the power to insert on this Assignment the application number and filing date of said application when known.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11/02/18	Signature:	Nicolas SCAPEL
Date:	Signature:	Guillaume Pierre André BARLIER
Date:	Signature:	JD GARDNER
Date:	Signature:	Aurelio GUZMAN

PATENT REEL: 047891 FRAME: 0054

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	Nicolas SCAPEL	
Date: 11/85/2018	Signature: <u>Abaulies</u>	
111	Guilleyme Pierre André BARLIER	
Date:	Signature:	
**************************************	JD GARDNER	
Date:	Signature:	
<u> </u>	Aurelio GUZMAN	

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Date: 11/02/18	Signature: _	JD GARDNER
Date:	Signature:	Aurelio GUZMAN

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	Nicolas SCAPEL
Date:	Signature:
	Guillaume Pierre André BARLIER
Date:	Signature:
	JD GABDNER
Date: 11/5/18	Signature:
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**RECORDED: 01/03/2019**