505091366 09/12/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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CHAO-KUO LIN	08/06/2018
ANDREW L. HARDING	08/08/2018
RYAN M. OLSHAVSKY	08/06/2018
CARLYLE C. HOCH	09/07/2018
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15996177

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DATE SIGNED:	09/12/2018	

PATENT 505091366 REEL: 046857 FRAME: 0264

Total Attachments: 6 source=P37897US1_APPL0922_Assignment#page1.tif source=P37897US1_APPL0922_Assignment#page2.tif source=P37897US1_APPL0922_Assignment#page3.tif source=P37897US1_APPL0922_Assignment#page4.tif source=P37897US1_APPL0922_Assignment#page5.tif

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PATENT REEL: 046857 FRAME: 0265

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Apple Inc. (the "Assignee"), a corporation of the State of California, having a place of business at One Apple Park Way, Cupertino, CA 95014, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "DYNAMICALLY ADJUSTING TEXT IN DONUT CHARTS," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 73576 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

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n-Provisional Application Serial No	15/996,177 filed on June 1, 2018	
tional Application Serial No.	, filed on	
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Mul	Dale: Angust 6	14,2018
•	Name: Klizaveta Girsova	Name: Alizaveta Girsova

Inventor 2:

(Signature):

Name: Chao-Kuo Lin

Date: 20/8/08/06

Inventor 3:

(Signature):

Name: Andrew L. Harding

PATENT

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Date: 6 AUG 2018 (Signature):_

> **PATENT** Page 4 of 6 **REEL: 046857 FRAME: 0269**

Inventor 5:

(Signature):_

Name: Carlyle C. Hoch

te: 7/7/ w/

PATENT REEL: 046857 FRAME: 0270 **Inventor 6:**

(Signature):

Name: Kevin D. Broom

Date: 6 Aug 2018

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