

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4763239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HOYT A. KOEPKE	12/21/2017
SRIKRISHNA SRIDHAR	12/21/2017
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15851668
CORRESPONDENCE DATA	
Fax Number:	(949)851-9348
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(949) 851-0633
Email:	jhegean@mwe.com
Correspondent Name:	MCDERMOTT WILL & EMERY LLP
Address Line 1:	4 PARK PLAZA
Address Line 2:	SUITE 1700
Address Line 4:	IRVINE, CALIFORNIA 92614
ATTORNEY DOCKET NUMBER:	100947-0669
NAME OF SUBMITTER:	MICHAEL G. DREZNES, REG. NO. 59965
SIGNATURE:	/Michael G. Dreznes/
DATE SIGNED:	01/05/2018
Total Attachments: 2	
source=100947-0669-Assignment#page1.tif	
source=100947-0669-Assignment#page2.tif	

ASSIGNMENT

WHEREAS we, Hoyt A. KOEPKE and Srikrishna SRIDHAR; have made a certain new and useful invention as set forth in an application for United States Patent, entitled PROVIDING A COMPACT REPRESENTATION OF TREE STRUCTURES, which was filed on December 21, 2017, and identified by United States Patent Application No. 15/851,668; and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

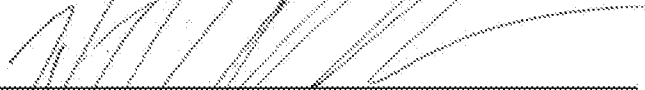
AND WHEREAS, APPLE INC., a corporation of California and having an address of 1 Infinite Loop, Cupertino, California 95014, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Apple Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any non-provisionals, continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

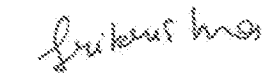
UPON SAID CONSIDERATIONS, we hereby agree with said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND we request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Apple Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

12/21/17
Date


Hoyt A. KOEPKE

12/21/2017
Date


Srikrishna SRIDHAR

DM_US 87175713-1.100947.0669