

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5760376

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CAHYA ADIANSYAH MASPUTRA	04/25/2019
SANDEEP NAIR	04/25/2019
DARRIN JEWELL	09/26/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLE INC.
<b>Street Address:</b>	ONE APPLE PARK WAY
<b>City:</b>	CUPERTINO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16368368
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)675-1674
<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>	
<b>Phone:</b>	858-675-1670
<b>Email:</b>	docket@gazpat.com
<b>Correspondent Name:</b>	GAZDZINSKI & ASSOCIATES, P.C.
<b>Address Line 1:</b>	16644 WEST BERNARDO DRIVE
<b>Address Line 2:</b>	SUITE 201
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92127
<b>ATTORNEY DOCKET NUMBER:</b>	APPLE.603A11/P38463US11
<b>NAME OF SUBMITTER:</b>	BRIAN T. HAHN
<b>SIGNATURE:</b>	/Brian T. Hahn/
<b>DATE SIGNED:</b>	10/08/2019
<b>Total Attachments: 4</b>	
source=Assign_executed#page1.tif	
source=Assign_executed#page2.tif	
source=Assign_executed#page3.tif	



**ASSIGNMENT**

WHEREAS, We, **CAHYA ADIANSYAH MASPUTRA, a U.S. Citizen; SANDEEP NAIR, a Citizen of India; and DARRIN JEWELL, a U.S. Citizen,** have invented certain new and useful improvements in a **METHODS AND APPARATUS FOR ACTIVE QUEUE MANAGEMENT IN USER SPACE NETWORKING** for which we have filed an application for Letters Patent on March 28, 2019<sup>1</sup>, in the United States, as Application Serial No. 16/368,368<sup>1</sup>, which claims priority to U.S. Provisional Patent Application Serial No. 62/649,509 filed March 28, 2018;

AND WHEREAS, **APPLE INC.** (hereinafter "ASSIGNEE"), a California corporation, with its principal place of business at One Apple Park Way, Cupertino, California, 95014, United States of America, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful

---

<sup>1</sup> Any attorney or agent of record and any registered attorney or agent of Gazdzinski & Associates, PC, 16644 West Bernardo Drive, Suite 201, San Diego CA, 92128, telephone (858) 675-1670, is hereby authorized to insert, when known.

**ASSIGNMENT**

oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Executed this 25 day of April 2019.

  
\_\_\_\_\_  
CAHYA ADIANSYAH MASPUTRA

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
SANDEEP NAIR

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
DARRIN JEWELL

**ASSIGNMENT**

oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

\_\_\_\_\_  
**CAHYA ADIANSYAH MASPUTRA**

Executed this 25 day of April 2019.

  
\_\_\_\_\_  
**SANDEEP NAIR**

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

\_\_\_\_\_  
**DARRIN JEWELL**

**ASSIGNMENT**

oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
**CAHYA ADIANSYAH MASPUTRA**

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_.

\_\_\_\_\_  
**SANDEEP NAIR**

Executed this 26 day of September 2019.

  
\_\_\_\_\_  
**DARRIN JEWELL**