PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5235929

NATURE OF CONVEYANCE: Corrective Assignment to correct the ASSIGNMENT UPLOADED TO INCLUDE NICHOLAS A. FAVRE-FELIX previously recorded on Reel 046944 Frame 0199. Assignor(s) hereby confirms the CONVEYANCE OF APPLICATION NO. 16/137,372 TO APPLE INC.	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	NATURE OF CONVEYANCE:	INCLUDE NICHOLAS A. FAVRE-FELIX previously recorded on Reel 046944 Frame 0199. Assignor(s) hereby confirms the CONVEYANCE OF

CONVEYING PARTY DATA

Name	Execution Date
NICOLAS A. FAVRE-FELIX	08/22/2018
ALEXANDER SHRAER	09/02/2018
ORI HERRNSTADT	09/13/2018
NATHAN L. WILLIAMS	08/22/2018

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	ONE APPLE PARK WAY
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16137372

CORRESPONDENCE DATA

	(844)670-6009 The e-mail address first; if that is unsuccessful, it will be sent I; if that is unsuccessful, it will be sent via US Mail.		
Phone:	8) 701-6200		
Email:	SVDocketing@dickinson-wright.com, ROrlando@dickinson-wright.com		
Correspondent Name:	DICKINSON WRIGHT RLLP		
Address Line 1:	I: SV DOCKETING		
Address Line 2:	P.O. BOX 569		
Address Line 4:	CUPERTINO, CALIFORNIA 95015		
ATTORNEY DOCKET NUMBER:	P37830US1/28120US.1		
NAME OF SUBMITTER:	J. BRIAN LOKER		
SIGNATURE:	/J. Brian Loker/		
DATE SIGNED:	11/13/2018		

Total	Attachments: 5	

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505106930 09/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5153690

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE: ASSIGNMENT		ASSIGNMENT	
CONVEYING PARTY D	ATA		
		Name	Execution Date
NICOLAS A. FAVRE-FE	LIX		08/22/2018
ALEXANDER SHRAER			09/02/2018
ORI HERRNSTADT			09/13/2018
NATHAN L. WILLIAMS			08/22/2018
RECEIVING PARTY DA	TA		
Name:	APPLE IN	NC.	
Street Address:	ONE APP	PLE PARK WAY	
City:	CUPERT	INO	
State/Country:	CALIFOR	INIA	
Postal Code:	95014		
Property Type		Number	
Property Type		Number	-
Property Type Application Number:	16	Number 0137372	
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Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if	ATA (8 e sent to ti provided; i (4) S	44)670-6009 he e-mail address first; if that is un if that is unsuccessful, it will be set 08) 701-6200 /Docketing@dickinson-wright.com,	
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Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (8 e sent to ti provided; i (4 S) R(D) R(D) R(D) R(D) R(C)	44)670-6009 he e-mail address first; if that is un if that is unsuccessful, it will be se 08) 701-6200 /Docketing@dickinson-wright.com Orlando@dickinson-wright.com CKINSON WRIGHT RLLP ITN: SV DOCKETING O. BOX 569 UPERTINO, CALIFORNIA 95015	
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Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER:	DATA (8 e sent to ti provided; i (4 S) R(D) R(D) R(D) R(D) R(C)	44)670-6009 he e-mail address first; if that is un if that is unsuccessful, it will be set 08) 701-6200 /Docketing@dickinson-wright.com, Orlando@dickinson-wright.com CKINSON WRIGHT RLLP ITN: SV DOCKETING O. BOX 569 UPERTINO, CALIFORNIA 95015 P37830US1/28120US.1 J. BRIAN LOKER	
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME NAME OF SUBMITTER: SIGNATURE:	DATA (8 e sent to ti provided; i (4 S) R(D) R(D) R(D) R(D) R(C)	44)670-6009 he e-mail address first; if that is un if that is unsuccessful, it will be set 08) 701-6200 /Docketing@dickinson-wright.com, Orlando@dickinson-wright.com CKINSON WRIGHT RLLP ITN: SV DOCKETING O. BOX 569 UPERTINO, CALIFORNIA 95015 P37830US1/28120US.1 J. BRIAN LOKER /J. Brian Loker/	

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

REBALANCING OF USER ACCOUNTS AMONG PARTITIONS OF A STORAGE SERVICE

(Atty. Docket No. P37830US1/28120US.1)
for which I have executed an application on even date herewith.
Which bears application No. <u>16/137,372</u>.
Which is a U.S. provisional application.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

1) Sell, assign and transfer to Apple Inc., a California corporation having a place of business at One Apple Park Way, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest to the above-referenced application, any and all improvements and inventions disclosed therein, as well as concurrent applications, applications having priority claims to/from, any derivative applications thereof, foreign or Patent Cooperation Treaty ("PCT") applications based in whole or at least in part thereon, and any and all patents resulting from such applications (including foreign patents and the right to claim priority).

2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Signature:

tavel/(61) Date: 8/22/2018

Typed Name: Nicofas A. FAVRE-FELIX

PATENT REEL: 047512 FRAME: 0508

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

REBALANCING OF USER ACCOUNTS AMONG PARTITIONS OF A STORAGE SERVICE

(Atty, Docket No. P37830US1/28120US.1) for which I have executed an application on even date herewith, which bears application No. 16/137,372 which is a U.S. provisional application.

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2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any divisional, continuation, design application, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

33 Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of 4) the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Authorize and request my attorney/agent to insert above the application No. in order to assist 6) with recordal of this assignment.

Signed on the date indicated beside my signature.

 $\mathbf{v}[3]$ PATENT REEL: 047512 FRAME: 0509

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REBALANCING OF USER ACCOUNTS AMONG PARTITION OF A STORAGE SERVICE

(Affy, Docket No. P37830US1/28120US.1)

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6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Signature: Loped Name Con HEREN STALDT

Date: 1-15-2-15

Ann. Datter No. P17830USI 28120USI

PATENT REEL: 047512 FRAME: 0510

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

REBALANCING OF USER ACCOUNTS AMONG PARTITIONS OF A STORAGE SERVICE

(Atty. Docket No. P37830US1/28120US.1) for which I have executed an application on even date herewith.
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Signed on the date indicated beside my signature.

Signature: USLa Willies	Date:	2018-08-23
Typed Name: Nathan L. WILLIAMS		

(Any. Docket No. P37830US1/28120US.1)

vL1

PATENT REEL: 047512 FRAME: 0511

RECORDED: 11/13/2018