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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5758243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK R. SIEKLUCKI	09/18/2019
PAUL DAVID FRANKLIN	09/19/2019

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.	
Street Address:	P.O. BOX 81226	
City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98108-1226	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16218390

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SEATTLE, WASHINGTON 98104-1610 Address Line 4:

ATTORNEY DOCKET NUMBER: 0097749-A93US0	
NAME OF SUBMITTER: BRUCE L. JOHNSON, REG NO. 64,851	
SIGNATURE:	/Bruce L. Johnson/
DATE SIGNED:	10/07/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=2019-10-07 P61558-US01 (0097749-A93US0) Assignment and Declaration#page1.tif source=2019-10-07 P61558-US01 (0097749-A93US0) Assignment and Declaration#page2.tif

> **PATENT** REEL: 050646 FRAME: 0381

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PATENT REEL: 050646 FRAME: 0382

U.S. Patent Appln. No. <u>16/218,390</u>

Attorney Docket No. 0097749-A93US0

Filing Date December 12, 2018

Client Docket No. P61558-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Mark R. Sieklucki 410 Terry Avenue North Seattle, WA 98109-5210

Paul David Franklin

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "CONCURRENT READ/WRITE APPARATUS" (Invention) for which a non-provisional application for United States Letters Patent (Application):

\boxtimes	was filed on <u>December 12, 2018</u> , and accorded U.S. Application No. <u>16/218,390</u> ; or
	will be filed concurrently with the submission of this executed PATENT ASSIGNMENT
	for recordation

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Davis Wright Tremaine LLP, associated with Customer No. 113507, to insert in the header above and here in parentheses (U.S. Patent Application No. 16/218,390, filed 12/12/2018) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

PATENT REEL: 050646 FRAME: 0383

U.S. Patent Appln. No. 16/218,390

Attorney Docket No. 0097749-A93US0

Filing Date December 12, 2018

Client Docket No. P61558-US01

Title of Invention: CONCURRENT READ/WRITE APPARATUS

Inventors: Mark R. Sieklucki and Paul David Franklin

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of

which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its

successors and assigns, the entire right, title and interest in and to said Invention and any

improvements thereto, said Application and any and all letters patent which may be granted for

said Invention in the United States of America and its territorial possessions and in any and all

foreign countries, and in any and all provisional, divisions, reissues, re-examinations and

continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said Application to which said foreign

applications are entitled by virtue of international convention, treaty or otherwise, said

Invention, Application and all letters patent on said Invention to be held and enjoyed by

ASSIGNEE and its successors and assigns for their use and benefit and of their successors and

assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had

this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request

the Commissioner of Patents and Trademarks, as well as all other applicable patent offices

throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S)

agree to execute all instruments and documents required for the making and prosecution of

applications for United States and foreign letters patent on said Invention, for litigation

regarding said letters patent, or for the purpose of protecting title to said Invention or letters

patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its

successors, legal representatives, and assigns all claims for damages and all remedies arising out

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U.S. Patent Appln. No. 16/218,390

Attorney Docket No. 0097749-A93US0

Filing Date December 12, 2018

Client Docket No. P61558-US01

Title of Invention: CONCURRENT READ/WRITE APPARATUS

Inventors: Mark R. Sieklucki and Paul David Franklin

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist

in the preparation of any other patent property relating to the Application and the Invention or

any improvements made thereto, sign/execute all lawful papers, provide all requested

documents, execute and make all rightful oaths and/or declarations in connection with the

Application and the Invention including any improvements made thereto, any patent

applications filed therefrom, and any continuing application filed from any of the

aforementioned applications, and generally do everything possible to aid ASSIGNEE, its

successors, legal representatives and assigns, to obtain and enforce proper patent protection for

the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal

representatives, administrators, and assigns.

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U.S. Patent Appln. No. <u>16/218,390</u>	Attorney Docket No. <u>0097749-A93US0</u>		
Filing Date <u>December 12, 2018</u>	Client Docket No. <u>P61558-US01</u>		
Title of Invention: CONCURRENT READ/WRITE APPA	RATUS		
Inventors: Mark R. Sieklucki and Paul David Frankli	n		
<u>DECLARATION</u>			
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
the attached application; or			
United States Patent Application numbe	r <u>16/218,390</u> filed on <u>December 12, 2018</u> ; or		
PCT International Application number _	filed on		
The above-identified application was made or authors. I believe that I am the original inventor or an original			
application. I have reviewed and understand the contents of the acknowledge the duty to disclose to the US Patent 8			
acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.			
I hereby acknowledge that any willful false statement under 18 USC 1001 by fine or imprisonment of not r			
Mark R. Sicklucki/			
Mark R. Sieklucki			
September 18, 2019			
Date			

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U.S. Patent Appin. No. <u>16/218,390</u>	Attorney Docket No. <u>0097749-A93US0</u>
Filing Date <u>December 12, 2018</u>	Client Docket No. P61558-US01
Title of Invention: CONCURRENT READ/WRITE APPARA	TUS
Inventors: Mark R. Sieklucki and Paul David Franklin	
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$igstyle igstyle$ United States Patent Application number $\underline{1}$ (6/218,390 filed on <u>December 12, 2018</u> ; or
PCT International Application number	filed on
The above-identified application was made or authorize	ed to be made by me.
I believe that I am the original inventor or an original jo application.	oint inventor of a claimed Invention in the
I have reviewed and understand the contents of the ab	ove-identified application, and
acknowledge the duty to disclose to the US Patent & Tr	rademark Office all information known to
me to be material to the patentability as defined in 37	CFR 1.56.
I hereby acknowledge that any willful false statement r under 18 USC 1001 by fine or imprisonment of not mor	·
Paul David Franklin/ 3840AE65D1B843B	
Paul David Franklin	
September 19, 2019	
Date	

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RECORDED: 10/07/2019

PATENT REEL: 050646 FRAME: 0387