PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TARA YOUSEFI	07/13/2020
ALIREZA MAHANFAR	07/07/2020
PETER JAMES HETZEL	07/07/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17981290

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ATTORNEY DOCKET NUMBER:	33350.399 (L0309D)
NAME OF SUBMITTER:	KEVIN O. GRANGE
SIGNATURE:	/Kevin O. Grange/
DATE SIGNED:	11/04/2022

Total Attachments: 6

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U.S. Patent Appln. No.	Attorney Docket No. 33350.309 (L0309)
Filing Date	Client Docket No. P70318-US01
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Tara Yousefi 410 Terry Avenue North Seattle, WA 98109-5210	
Alireza Mahanfar 410 Terry Avenue North Seattle, WA 98109-5210	
Peter James Hetzel 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 in	ventor(s) of an invention entitled
"ARRAY WALL SLOT ANTENNA FOR PHASED ARRAY	CALIBRATION" (Invention) for which a non-
provisional application for United States Letters Pate	nt (Application):
was filed on and accorded U	J.S. Application No; or
will be filed concurrently with the submit	ssion of this executed PATENT ASSIGNMENT
for recordation. ASSIGNOR(S) hereby	authorizes and requests ASSIGNEE'S legal
representatives, of Lowenstein Sandler LI	LP, associated with Customer No. 171498, to
insert in the header above and here in	parentheses (U.S. Patent Application No.
, filed) this app	lication's U.S. application number and filing
date, when known.	

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U.S. Patent Appln. No. Filing Date ____

Attorney Docket No. 33350.309 (L0309) Client Docket No. P70318-US01

Title of Invention: ARRAY WALL SLOT ANTENNA FOR PHASED ARRAY CALIBRATION

Inventors: Tara Yousefi, Alireza Mahanfar, Peter James Hetzel

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.

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.

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issuance.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. _____ Attorney Docket No. 33350.309 (L0309)
Filing Date Client Docket No. P70318-US01

Title of Invention: ARRAY WALL SLOT ANTENNA FOR PHASED ARRAY CALIBRATION

Inventors: Tara Yousefi, Alireza Mahanfar, Peter James Hetzel

AND ASSIGNOR(5) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out 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

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 Appin. No Filing Date	Attorney Docket No. 33350.309 (L0309) Client Docket No. P70318-US01
Title of Invention: ARRAY WALL SLOT ANTENN	IA FOR PHASED ARRAY CALIBRATION
Inventors: Tara Yousefi, Alireza Mahanfar, Pet	ter James Hetzel
DECLARATION As a below named inventor, I hereby declare	that:
This declaration is directed to:	
igotimes the attached application; or	
United States Patent Application r	number filed on; or
PCT International Application nun	nber filed on
The above-identified application was made or	r authorized to be made by me.
I believe that I am the original inventor or an	original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the contents	of the above-identified application, and
acknowledge the duty to disclose to the US Pa	atent & Trademark Office all information known to
me to be material to the patentability as defi	ned in 37 CFR 1.56.
I hereby acknowledge that any willful false sta	atement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment o	of not more than five (5) years, or both.
Cocusigned by: Itara Youseful CO2A018745200481	
Tara Yousefi	
July 13, 2020	
Date	

U.S. Patent Appln. No Filing Date	Attorney Docket No. 33350.309 (L0309) Client Docket No. P70318-US01	
Title of Invention: ARRAY WALL SLOT ANTENNA FOR P	HASED ARRAY CALIBRAT	ION
Inventors: Tara Yousefi, Alireza Mahanfar, Peter James	s Hetzel	
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application; or		
United States Patent Application number	filed on	; or
PCT International Application number	filed on	
The above-identified application was made or authorize	d to be made by me.	
I believe that I am the original inventor or an original joi	nt inventor of a claimed I	nvention in the
application.		
I have reviewed and understand the contents of the abo	ove-identified application	, and acknowledge
the duty to disclose to the US Patent & Trademark Office	e all information known t	o me to be
material to the patentability as defined in 37 CFR 1.56.		
I hereby acknowledge that any willful false statement m	nade in this declaration is	punishable under
18 USC 1001 by fine or imprisonment of not more than	five (5) years, or both.	
/Illireza Malianfar/		
Alireza Mahanfar		
July 7, 2020		
Date		

U.S. Patent Appln. No Filing Date	Attorney Docket No. 33350.309 (L0309) Client Docket No. P70318-US01	
Title of Invention: ARRAY WALL SLOT ANTENNA FOR P	HASED ARRAY CALIBRAT	TION
Inventors: Tara Yousefi, Alireza Mahanfar, Peter Jame	s Hetzel	
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
igstyle igy igstyle igy igstyle igy igstyle igy igy igy igy igy igy igy igy		
United States Patent Application number	filed on	; 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 joi	nt inventor of a claimed l	Invention in the
application.		
I have reviewed and understand the contents of the abo	ove-identified application	, and acknowledge
the duty to disclose to the US Patent & Trademark Offic	e 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 m	nade in this declaration is	punishable under
18 USC 1001 by fine or imprisonment of not more than	five (5) years, or both.	
Puter James Hetzell		
Peter James Hetzel		
July 7, 2020		
Date		

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