PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5661391

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHERWOOD KANTOR	03/14/2019
SAMUEL SIDNEY RHODES	03/14/2019
SHUKUI ZHAO	03/14/2019

RECEIVING PARTY DATA

Name:	VOLCANO CORPORATION
Street Address:	3721 VALLEY CENTRE DRIVE
Internal Address:	SUITE 500
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92130

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16354116

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2017P02213US01
NAME OF SUBMITTER:	ALBERT KAU
SIGNATURE:	/Albert Kau/
DATE SIGNED:	08/09/2019

Total Attachments: 2

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> **PATENT** REEL: 050010 FRAME: 0381 505614589

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor, hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to VOLCANO CORPORATION, having a place of business at 3721 VALLEY CENTRE DRIVE, SUITE 500, SAN DIEGO, CALIFORNIA, 92130, USA, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention for which an application:

was filed on ***, having an International Application No. ***,
and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.
I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.
I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.
I/We certify that I/we have the full right to convey the above rights.
As a below-named Inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original Inventor or an original joint Inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Date: 3/14/19 Signature: Sterwood Kantor Sherwood Kantor
Date:, Assignor/Inventor Samuel Sidney RHODES
Date:, Assignor/Inventor Shukui ZHAO

PATENT REEL: 050010 FRAME: 0382 For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor,

Date:	Signature:	Sherwood Kantor	, Assignor/Inventor
	Signature:		, Assignor/Inventor
or improviment			
	ledge that any willful fa of not more than five (5		ration is punishable under 18 U.S.C. 1001 by fine
me, and that I an	n the original Inventor o	or an original joint Inventor of a cl	opplication was made or authorized to be made by laimed invention in the application.
•		to convey the above rights.	
extent. Upon req legal proceeding:	uest at the expense of s including patent pros able, or convenient for	f the Assignee, I/we agree to exe secution actions and infringement	the foregoing right, title, and interest to the fullest seute all papers, take all rightful oaths, testify in all tactions, and do all other such acts which may be ts on the foregoing invention or for perfecting title
	rs Patent when grante		States and in any and all foreign countries to issue its sole use, and that of its successors, assigns,
associated there non-provisionals	with, based thereon, o divisions, continuations crity thereto, and the ea	or claiming priority therefrom incli is, continuations-in-part, re-exami	es, foreign and international patent applications uding, but not limited to, any and all provisionals, inations, reissues, and extensions thereof, and the d interest in and to any and all patents granted on
was filed on *	**, having an Internation	onal Application No. ***,	
	oncurrently herewith	ates Application No. ***,	
(WF)		an application:	

Shukui ZHAO

PATENT REEL: 050010 FRAME: 0383

Assignor/Inventor

RECORDED: 08/09/2019

Date: $\frac{63}{14}$ Signature: