05/03/2018 504898944

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VIKTOR SHKOLNIKOV	02/24/2016
ANITA ROGACS	02/24/2016

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15770466

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: HP INC.

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Address Line 4: FORT COLLINS, COLORADO 80528

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NAME OF SUBMITTER:	ASHOK K. MANNAVA	
SIGNATURE:	/Ashok K. Mannava/	
DATE SIGNED:	05/03/2018	

Total Attachments: 1

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PATENT REEL: 045710 FRAME: 0434 504898944

HP Inc.	1
3390 E. Harmony Road	-
Mail Stop 35	1
Fort Collins, Colorado 80528	

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N. N. S.	25 2 2 2 2 2	31 44 5 55	211

RECORD ID:	84424012
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ASSIGNMENT OF PATENT APPLICATION

and in furtherance of my/our Limited Partnership having its subsidiaries and affiliates, agree	obligations to HEWLETT-P principal place of busines to assign and transfer and	nsideration, the receipt of which is hereby acknowledged, ACKARD DEVELOPMENT COMPANY, L.P., a Texas in Houston, Texas, (hereinafter HPDC), and to its hereby assign and transfer to HPDC, its successors and the priority, in, to and under an application for Patent
SURFACE ENHANCED RAMA	N SPECTROSCOPY SAME	LE CARRIER
Filing Date:		Application No.:
divisionals, and renewals of and	I substitutes for said applica	d any and all continuations, continuations-in-part (C-I-P's), tion for said Patent, and any and all other Patent of any and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assign	is, nominees or legal represe ted, reissued or extended, as	our name for Patent in any country, to be held and enjoyed ntatives, to the full end of the term or terms for which said fully and entirely as the same would have been held and lade:
executed and will not execute an time a request is made, and within perfect the title to said invention(nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful paths and declarations, ar legal representatives to obtain a	y agreement in conflict herew out undue delay, execute and s) or improvement(s), said ap s, and I/we agree to commun (s), said application and said rs and divisionals, continuati id generally to do everything of ind enforce, for its or their or untries provided the expenses	ey the entire interest herein assigned, and that I/we have not ith, and I/we further coveriant and agree that I/we will, each deliver all such papers as may be necessary or desirable to plication and said Patent, to HPDC, its successors, assigns, loate to HPDC, or to its nominee, all known facts respecting Patent, to testify in any legal proceedings, to sign all lawful ons, C-I-P's, reissue and foreign applications, to make all lossible to aid HPDC, its successors, assigns, nominees and wn benefit, proper patent protection for said invention(s) or which may be incurred by me/us in lending such cooperation
applications as aforesaid, to issu	ie to HPDC, as assignee of the which may be issued and g	y country or countries whose duty it is to issue patents on ne entire right, title and interest, any and all Patent for said granted on or as a result of the application aforesaid, in
		d to insert the filing date and application number of said set forth above, as soon as the same shall have been made
	ve hereunto set my/our har	
28/14/2 Ze Inventor's Signature		-2/2 Y/20/6 Date / / 20/6
	Shkolnikov	
Viktor First/Middle Name	Last Name	
And the	Last visitie	2/24//6
Inventor's Signature	<u> </u>	Date
Anita	Rogacs	Accessed to 1
First/Middle Name	Last Name	

Page 1 of 2

PATENT REEL: 045710 FRAME: 0435

Rev 8/2014 (Assignment)