PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITHRA VANKIPURAM	10/15/2018
CRAIG PETER SAYERS	10/17/2018

RECEIVING PARTY DATA

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State/Country:	TEXAS
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17052145

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DATE SIGNED:	01/26/2021

Total Attachments: 2

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> **PATENT REEL: 055026 FRAME: 0603** 506467988

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3390 E. Harmony Road	
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ASSIGNMENT OF PATENT APPLICATION

transfer and h having its prir title, and inter	ereby assign and transfer to ncipal place of business in I	HEWLETT-PACKARD DEN Houston, Texas, (hereinafte priority, in, to, and under a	/ELOPMEN r "HPDC").	IT COMPANY, L.P. its successors, and	vledged, agree to assign and , a Texas Limited Partnership d its assigns, my entire right led (English-language title in
RELATIVE	GESTURES				
Filing Date:	October 18, 2018	Application No.:	PCT/US	2018/056452	Patent Office: US
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IN WITNE	ESS WHEREOF, I hereunto	set my hand and seal:			
	Millar,		15	/D	2018
Inventor's Sign	ature \		Day	Month	Year
Mithra Vanki	ipuram		-		
*****************		Mama			

Rev 8/2018 (HPDC Assignment)

DELATIVE OFSTUDES

of said Applications for Patent or said Patents.

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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter "HPDC"), its successors, and its assigns, my entire right, title, and interest, including all rights of priority, in, to, and under an application for patent shiftled (English-language title in parentheses if said application for patent is in another language).

REEMINIE GEOTOREG			
Filing Date: October 18, 2018	Application No.:	PCT/US2018/056452	Patent Office: US
the subject matter, including any and all invent herein "patent" refers to any form of intellectual design rights, and utility model rights) (herein country or region or under any international agratent, any and all applications for patent direseid inventions, any and all applications for indirectly claims priority or benefit, and any an of, divisional applications of, national-phase a application for patent for any of said Invention on or as a result of said Applications for Pater	I property protection inco- nafter Inventions"), any preement for any of saic city or indirectly daimini patent from which any digit continuation applications of regional implications of regional in thereinafter 'Apolical or thereinafter 'Apolical	y and all existing and future at a Inventions (including, without if g priority to or benefit of any ap application for patent for any if ations of continuation-in-part a -phase applications of renewal tions for Patent'), any and all p	pplications for patent of any imitation said application for patent for any of said inventions directly or pplications (nereinafter CIPs) is of, and substitutes for any atents which may be granted

I HEREBY represent that I convey my full rights in all countries and regions and under all international agreements to the entire right title, and interest herein assigned and transferred, and that I have not executed and will not execute any agreement in conflict herewith.

AND I HEREBY authorize HPDC, its successors its assigns, its nominees and its legal representatives to file said Applications for Parent in its name or in my name in any country or region or under any international agreement, and further authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to insert the filling date, application number, and patent office of said application for patent, now identified by the Record ID and title set forth above, when known to them.

AND I HEREBY authorize and request the officials of all countries and regions and under all international agreements whose duty it is to issue patents to issue to HPDC, its successors or its assigne, as assignee of my entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer.

AND I HEREBY covenant and agree that I will each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title in said inventions. Applications for Patent, and Patents to HPDC, its successors, or its assigns, communicate to HPDC, its successors its assigns its nominees, or its legal representatives all known facts respecting said inventions. Applications for Patent, and Patents testify in any legal or administrative proceedings and sign all lawful papers (including without limitation, divisional applications, continuation applications, CIPs, and resisted applications) relating to said inventions. Applications for Patent, and Patents, and make all rightful paths and declarations and applications) relating to said inventions. Applications for Patent, and Patents, and make all rightful paths and declarations and generally to do everything possible to aid HPDC, its successors, its assigns, its nominees, and its legal representatives to obtain, traintain, and enforce, for its or their own benefit proper intellectual property protection for said inventions. Applications for Patent, and Patents, provided the expenses which may be incurred by the in lending such cooperation and assistance are paid by HPDC its successors, its assigns, its nominees, or its legal representatives.

IN WITNESS WHEREOF, I hereunto set my hand and seal

Family Name

inventor's Signature

Craig Peter Sayers

Cities (First and Middle) Name(s)

17

Month

Year

NAME OF TAXABLE PARTY.