PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KRISTOPHER J. ERICKSON	07/31/2017
THOMAS C. ANTHONY	07/31/2017

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.		
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City:	Houston		
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Postal Code:	77070		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	16076162		

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NAME OF SUBMITTER:	JOHN E. NEMAZI
SIGNATURE:	/John E. Nemazi/
DATE SIGNED:	10/23/2018

Total Attachments: 1

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PATENT REEL: 047277 FRAME: 0403 505154329

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

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RECORD ID:	84629543
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

BROWN BOD	Y INCLUDING A METAL NANOPA	RTICLE BINDER	
Filing Date:	07-AUG-2018	Application No.:	16/076,162
divisionals, and	d renewals of and substitutes for sa	id application for said Patent,	nuations, continuations-in-part (C-I-P's), , and any and all other Patent of any r reexaminations, or extensions of said
by HPDC, its s Patent respecti	successors, assigns, nominees or leg-	al representatives, to the full e tended, as fully and entirely as	t in any country, to be held and enjoyed and of the term or terms for which said s the same would have been held and

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we 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 to said invention(s) or improvement(s), said application and said Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the official of any country or countries whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the filing date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, IV	we hereunto set my/our	hand(s) and seal(s	07/31/17
Inventor's Signature		Dat	e
Kristopher J.	ERICKSON		
First/Middle Name	Last Name		
Monna C.	Quitte		07/3/17
Inventor's Signature		Dat	8
Thomas C.	ANTHONY		
First/Middle Name	Last Name		
Rev 8/2014 (Assignment)	Page	e 1 of 1	

PATENT REEL: 047277 FRAME: 0404