506448154 01/13/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6494923

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID MALCOLM FALKINDER	01/11/2021
RICHARD PHILLIP MAYO	01/11/2021

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD LIMITED
Street Address:	CAIN ROAD, AMEN CORNER
City:	BRACKKNELL, BERKSHIRE
State/Country:	UNITED KINGDOM
Postal Code:	RG12 1HN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17091043

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (970) 898-7444

Email: hpe.ip.mail@hpe.com

Correspondent Name: HEWLETT PACKARD ENTERPRISE
Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90910942
NAME OF SUBMITTER:	LAURA M. ZAVALA
SIGNATURE:	/Laura M. Zavala/
DATE SIGNED:	01/13/2021

Total Attachments: 2

source=90910942_HPL_Assignment#page1.tif source=90910942_HPL_Assignment#page2.tif

PATENT 506448154 REEL: 054909 FRAME: 0637

Record ID: 90910942

CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment ("Confirmatory Patent Assignment") is made by the undersigned (hereinafter referred to as "ASSIGNOR") to Hewlett-Packard Limited, a corporation of Great Britain, and having its place of business at Cain Road, Amen Corner, Bracknell, Berkshire, RG12 1HN, United Kingdom (hereinafter "ASSIGNEE").

WHEREAS, ASSIGNOR was employed by ASSIGNEE when the subject matter of the Patent Items (as defined below) were made in the course of ASSIGNOR'S normal duties as an employee and the circumstances were such that patentable inventions were to be expected to result from the carrying out of such duties.

WHEREAS, ASSIGNEE has acquired all ASSIGNOR'S right, title and interest in, to and under:

CONTAINER INDEX INCLUDING A TRACKING DATA STRUCTURE

(i) the patent application entitled:

Filing Date: Nov 06, 2020 Application No. 17/091043

and all provisional and priority applications relating thereto; (ii) all patents issuing on or from the patent application identified above; (iii) all reissues, reexaminations, extensions, divisionals, renewals, continuations, continuations-in-part and counterparts (whether foreign or domestic) claiming priority to any of the foregoing items in (i) or (ii) above, along with all patents issuing therefrom; and (iv) all inventions and improvements claimed or described in any of the foregoing items (i), (ii) or (iii) (subsections (i), (iii) and (iv) hereinafter collectively referred to as the "Patent Items") by operation of Section 39 of the United Kingdom Patents Act of 1977.

WHEREAS, ASSIGNEE and ASSIGNOR wish to confirm such acquisition by ASSIGNEE of all of ASSIGNOR'S right, title and interest in, to and under the Patent Items.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- 1. ASSIGNOR does hereby confirm the acquisition of all of ASSIGNOR'S right, title and interest in, to and under the Patent Items by ASSIGNEE by operation of Section 39 of the United Kingdom Patents Act of 1977 and, if and insofar as such has not been effected by operation of Section 39 of the United Kingdom Patents Act of 1977, ASSIGNOR does hereby sell, assign, transfer, convey and deliver unto ASSIGNEE, its successors, legal representatives and assigns, all ASSIGNOR'S right, title and interest throughout the world in, to and under the Patent Items, including without limitation all foreign patents and any and all rights of priority under international conventions, treaties or agreements based on or relating to the Patent Items.
- 2. To the extent not already effected by operation of Section 39 of the United Kingdom Patents Act of 1977, ASSIGNOR hereby authorizes and requests the respective patent office or governmental agency in each jurisdiction to record the transfer of the Patent Items to ASSIGNEE as assignee of ASSIGNOR'S right, title and interest therein, and to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Patent Items in the name of ASSIGNEE, its successors, legal representatives or assigns, as the assignee of the entire interest therein.
- 3. To the extent not already effected by operation of Section 39 of the United Kingdom Patents Act of 1977, ASSIGNOR hereby assigns, transfers, conveys and delivers to ASSIGNEE, its successors, legal representatives and assigns, all rights of enforcement, all claims for damages and all remedies arising out of, relating to or resulting from the Patent Items or any violation(s) thereof, and all other rights that ASSIGNOR may have relating to the Patent Items. This Confirmatory Patent Assignment shall not limit or abridge any rights, title, or interest previously acquired by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR has executed this Confirmatory Patent Assignment as of the date indicated below.

D. M. Falkinder D. M. Falkinder (Jan 11, 2021 09:49 GMT)	01/11/21
Inventor's Signature	Date of Signature

David Malcolm Falkinder

Inventor's Name (First Middle Last)

PATENT REEL: 054909 FRAME: 0638

Record ID: 90910942

CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment ("Confirmatory Patent Assignment") is made by the undersigned (hereinafter referred to as "ASSIGNOR") to Hewlett-Packard Limited, a corporation of Great Britain, and having its place of business at Cain Road, Amen Corner, Bracknell, Berkshire, RG12 1HN, United Kingdom (hereinafter "ASSIGNEE").

WHEREAS, ASSIGNOR was employed by ASSIGNEE when the subject matter of the Patent Items (as defined below) were made in the course of ASSIGNOR'S normal duties as an employee and the circumstances were such that patentable inventions were to be expected to result from the carrying out of such duties.

WHEREAS, ASSIGNEE has acquired all ASSIGNOR'S right, title and interest in, to and under:

CONTAINER INDEX INCLUDING A TRACKING DATA STRUCTURE

(i) the patent application entitled:

Filing Date: Nov 06, 2020 Application No. 17/091043

and all provisional and priority applications relating thereto; (ii) all patents issuing on or from the patent application identified above; (iii) all reissues, reexaminations, extensions, divisionals, renewals, continuations, continuations-in-part and counterparts (whether foreign or domestic) claiming priority to any of the foregoing items in (i) or (ii) above, along with all patents issuing therefrom; and (iv) all inventions and improvements claimed or described in any of the foregoing items (i), (ii) or (iii) (subsections (i), (iii) and (iv) hereinafter collectively referred to as the "Patent Items") by operation of Section 39 of the United Kingdom Patents Act of 1977.

WHEREAS, ASSIGNEE and ASSIGNOR wish to confirm such acquisition by ASSIGNEE of all of ASSIGNOR'S right, title and interest in, to and under the Patent Items.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

- 1. ASSIGNOR does hereby confirm the acquisition of all of ASSIGNOR'S right, title and interest in, to and under the Patent Items by ASSIGNEE by operation of Section 39 of the United Kingdom Patents Act of 1977 and, if and insofar as such has not been effected by operation of Section 39 of the United Kingdom Patents Act of 1977, ASSIGNOR does hereby sell, assign, transfer, convey and deliver unto ASSIGNEE, its successors, legal representatives and assigns, all ASSIGNOR'S right, title and interest throughout the world in, to and under the Patent Items, including without limitation all foreign patents and any and all rights of priority under international conventions, treaties or agreements based on or relating to the Patent Items.
- 2. To the extent not already effected by operation of Section 39 of the United Kingdom Patents Act of 1977, ASSIGNOR hereby authorizes and requests the respective patent office or governmental agency in each jurisdiction to record the transfer of the Patent Items to ASSIGNEE as assignee of ASSIGNOR'S right, title and interest therein, and to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Patent Items in the name of ASSIGNEE, its successors, legal representatives or assigns, as the assignee of the entire interest therein.
- 3. To the extent not already effected by operation of Section 39 of the United Kingdom Patents Act of 1977, ASSIGNOR hereby assigns, transfers, conveys and delivers to ASSIGNEE, its successors, legal representatives and assigns, all rights of enforcement, all claims for damages and all remedies arising out of, relating to or resulting from the Patent Items or any violation(s) thereof, and all other rights that ASSIGNOR may have relating to the Patent Items. This Confirmatory Patent Assignment shall not limit or abridge any rights, title, or interest previously acquired by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR has executed this Confirmatory Patent Assignment as of the date indicated below.

R. Mayo	01/11/01
R. Mayo (Jan 11, 2021 (8:25 GMT)	01/11/21
Inventor's Signature	Date of Signature
Richard Phillip Mayo	
Inventor's Name (First Middle Last)	

PATENT REEL: 054909 FRAME: 0639

RECORDED: 01/13/2021