11/17/2017 504648278

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4694999

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHMUEL BORENSTAIN	04/21/2015
AMI HALFON	04/20/2015
HENRYK BIRECKI	04/17/2015
SEONGSIK CHANG	04/17/2015

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD INDIGO B.V.	
Street Address:	Startbaan 16	
Internal Address:	1187 XR Amstelveen	
City:	Amstelveen	
State/Country:	NETHERLANDS	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15545967

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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: (541)715-8443 Email: ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1: 3390 E. HARMONY ROAD MS 35 INTELLECTUAL PROPERTY Address Line 2:

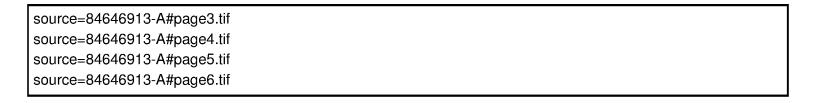
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84646913
NAME OF SUBMITTER:	HEATHER ELLIS
SIGNATURE:	/Heather Ellis/
DATE SIGNED:	11/17/2017

Total Attachments: 6

source=84646913-A#page1.tif source=84646913-A#page2.tif

> **PATENT** REEL: 044161 FRAME: 0751 504648278



PATENT REEL: 044161 FRAME: 0752 HEWLETT PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT	APPL	JCA	AOIT.
--------	------	-----	-------

RECORD ID: 84172350

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hareby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD INDIGO B.V., having its registered offices in Amstelveen. The Netherlands, (hereinafter HP-INDIGO), and to its subsidiaries and offiliates and obligations to HP-INDIGO and its subsidiaries and affiliates, agree to assign and transfer to HP-INDIGO, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

CHARGE ROLLER POSITIONING

Filing Date:	April 24, 2015	Application No.: PCT/US2015/027657

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations in part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent

I/we additionally authorize HP-INDIGO to file applications in my/our name for Patent in any country, to be held and enjoyed by IHP-INDIGO, its successors, assigns, nominees or legal representatives, to the full end of the terms for which said Patent respectively may be granted, reissued or extended, as fully and onlinely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND live hereby covenant that live have full right to convey the entire interest herein assigned, and that five have not executed and will not execute any agreement in conflict herewith, and five further covenant and agree that five will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to period the fittle to said invention(s) or improvement(s), said application and said Patent, to HP-INDIGO, its successors, assigns, nominees or legal representatives, and five agree to communicate to HP-INDIGO, 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 HP-INDIGO, 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 HP-INDIGO.

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 HP-INDIGO, 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 filling 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 loover to them.

. Skinoz	OF, I/we hereunto set my/our hand	1 21/1	2 1/April/20		
Inventor's Signature Shmuel	Borenstain	Date /			
First/Middle Name	Läst Manne	• • • • • • • • • • • • • • • • • • •			
Inventor's Signature	en e	Dete	and the second the second		
Ami	Halfon				
Pared Medicile Hame	Lost Marke				
or the same and the same and					

Page 1 of

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

Mail Stop 35		RECORD ID:	84172356
Fort Collins, Colorado 80528			
	ASSIGNMENT OF PA	ATENT APPLICATION (cont	.)
Inventor's Signature	17.41.	Date	
Henryk	Birecki		
First/Middle Name	Last Name		
Inventor's Signature		Date	
Seongsik	Chang		
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name	***************************************	
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		

Page 2 of

HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
3404 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

Rev 8/2014 (Assignment HP-Indigo)

PATENT APPLICATION

Intellectual Property Administrato	1		ran	LIVI AFFLICATION
3404 E. Harmony Road Mail Stop 35		RECORD	ID: 841	72356
Fort Collins, Colorado 80528		, , +	- Constitution of the Cons	
I/We, the unders acknowledged, and in further offices in Amstelveen, The furtherance of my/our obligati hereby assign and transfer to the right of priority, in, to and CHARGE ROLLER POSITIO	signed (each), for go ance of my/our obliga Netherlands, (herei ions to HP-INDIGO at b HP-INDIGO, its suc under an application f	nafter HP-INDIGO), and its subsidiaries and a cessors and assigns, the	deration, the receipt CKARD INDIGO B.V., nd to its subsidiarie affiliates, agree to ass	having its registered is and affiliates, in ign and transfer and
Filing Date: April 24, 20	15	Application I	No.: PCT/US2	2015/027657
and the invention(s) and improdivisionals, and renewals of a countries thereto which may be Patent.	and substitutes for said	nerein, and any and all o d application for said Pa	continuations, continual atent, and all	other Patent of any
I/we additionally authorize enjoyed by HP-INDIGO, its suc which said Patent respectively held and enjoyed by me/us had	ccessors, assigns, non may be granted, reiss	ninees or legal representa ued or extended, as fully	atives, to the full end of	the term or terms for
AND I/we hereby covenant executed and will not execute a time a request is made, and will perfect the title to said invention assigns, nominees or legal represents respecting said invention (sign all lawful papers, to execut make all rightful oaths and decl nominees and legal represent invention(s) or improvement(s) such cooperation and assistant	any agreement in confithout undue delay, exe on(s) or improvement(oresentatives, and I/we (s) or improvement(s), site all disclaimers and larations, and generally atives to obtain and e in any and all countries.	lict herewith, and I/we fur ecute and deliver all such s), said application and a agree to communicate said application and said divisionals, continuations to do everything possible inforce, for its or their over es provided the expenses	rther covenant and agri- papers as may be nec- said Patent, to HP-INI to HP-INDIGO, or to it Patent, to testify in any , C-I-P's, reissue and for e to aid HP-INDIGO, its vn benefit, proper pate	ee that I/we will, each essary or desirable to DIGO, its successors, is nominee, all known legal proceedings, to preign applications, to successors, assigns, and protection for said
AND I/we hereby authoriz applications as aforesaid, to is said invention(s) or improvement accordance with the terms of the	sue to HP-INDIGO, as ent(s) which may be is	assignee of the entire ri	ight, title and interest,	any and all Patent for
I/we further authorize and application for Patent, now ider known to them.				
IN WITNESS WHEREOF,	I/we hereunto set m	y/our hand(s) and seal(s):	
Inventor's Signature		Dat	(e	
Shmuel	Borenstain			
First/Middle Name	Last Name			
. 1		بال	1-20-15	
Inventor's Signature		Dat	ie.	
Ami	Halfon			
First/Middle Name	Last Name			

PATENT **REEL: 044161 FRAME: 0755** HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID:	84172356

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature		Date
Henryk	Birecki	
First/Middle Name	Last Name	
Inventor's Signature	and and and and and and and and an and an	Date
Seongsik	Chang	
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	
Inventor's Signature		Date
First/Middle Name	Last Name	

Page 2 of

HEWLETT-PACKARD COMPANY

PATENT APPLICATION

Intellectual Property Administrator			V / 1.7 (2.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1.1. 1.1
3404 E. Harmony Road Mail Stop 35		RECORD ID:	84172356
Fort Collins, Colorado 80528			
acknowledged, and in furtherar offices in Amstelveen, The furtherance of my/our obligatio	ned (each), for good nee of my/our obligation Netherlands, (hereinal ns to HP-INDIGO and HP-INDIGO, its succest ander an application for light	ns to HEWLETT-PACKARD fter HP-INDIGO), and to lts subsidiaries and affiliate ssors and assigns, the enti	N on, the receipt of which is hereby INDIGO B.V., having its registered its subsidiaries and affiliates, in s, agree to assign and transfer and re right, title and interest, including
Filing Date: April 24, 201	5	Application No.:	PCT/US2015/027657
divisionals, and renewals of an	d substitutes for said a	ein, and any and all continu	ations, continuations-in-part (C-I-P's), and any and all other Patent of any reexaminations, or extensions of said
enjoyed by HP-INDIGO, its succ	essors, assigns, nomine nay be granted, reissued	es or legal representatives, l d or extended, as fully and e	Patent in any country, to be held and to the full end of the term or terms for intirely as the same would have been
executed and will not execute ar time a request is made, and with perfect the title to said invention assigns, nominees or legal reprifacts respecting said invention(sign all lawful papers, to execute make all rightful oaths and declar nominees and legal representation invention(s) or improvement(s) is such cooperation and assistance	ny agreement in conflict out undue delay, execu- n(s) or improvement(s), esentatives, and I/we ag or improvement(s), said all disclaimers and divides to obtain and enformany and all countries pare paid by HP-INDIGO	herewith, and I/we further of the and deliver all such papers said application and said P gree to communicate to HP- d application and said Patent isionals, continuations, C-I-P' do everything possible to aid for its or their own ben provided the expenses which o;	erein assigned, and that I/we have not ovenant and agree that I/we will, each is as may be necessary or desirable to atent, to HP-INDIGO, its successors, INDIGO, or to its nominee, all known, to testify in any legal proceedings, to is, reissue and foreign applications, to I HP-INDIGO, its successors, assigns, efit, proper patent protection for said may be incurred by me/us in lending
applications as aforesaid, to issue	ue to HP-INDIGO, as as it(s) which may be issu	ssignee of the entire right, tit	whose duty it is to issue patents or le and interest, any and all Patent for result of the application aforesaid, in
			date and application number of said on as the same shalf have been made
IN WITNESS WHEREOF, I/	we hereunto set my/c	our hand(s) and seal(s):	
Inventor's Signature		Date	
Shmuel	Borenstain		
First/Middle Name	Last Name	refer for an extended a management and a	
Inventor's Signature		Date	
Ami	Halfon		

Rev 8/2014 (Assignment HP-Indigo)

First/Middle Name

Page 1 of

Last Name

HEWLETT-PACKARD COMP Intellectual Property Administr 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	ANY ator	RECORD ID:	PATENT APPLICATION
March	ASSIGNMENT OF PAT	TENT APPLICATION (con	
Inventor's Signature		Date	-15
Henryk	Birecki		
First/Middle Name	Last Name		
_ Gr. 1	May	Ct-1	7-163
Inventor's Signature		Date	· · · · · · · · · · · · · · · · · · ·
Seongsik	Chang		
First/Middle Name	Last Name		
Inventor's Signature First/Middle Name	Last Name	Date	
Inventor's Signature		Date	
First/Middle Name	Last Name	Programme Control of C	
Inventor's Signature		Date	
First/Middle Name	Lact Name	- Land of the state of the stat	

Rev 8/2014 (Assignment HP-Indigo)

Inventor's Signature

First/Middle Name

Page 2 of

Last Name

Date