07/05/2016 503901137

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3947788

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIRINJEEV SINGH	04/01/2015
NIKHIL JAYAKUMAR	04/01/2015
WEIHUANG WANG	04/01/2015
WEINAN MA	04/01/2015
DAMAN AHLUWALIA	04/01/2015

RECEIVING PARTY DATA

Name:	XPLIANT
Street Address:	2315 N. 1ST STREET
Internal Address:	4TH FLOOR
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14675356

CORRESPONDENCE DATA

Fax Number: (408)938-9069

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: 408-938-9060

Email: swarren@mhbpatents.com

MURABITO, HAO & BARNES LLP **Correspondent Name:** TWO NORTH MARKET STREET Address Line 1:

Address Line 2: THIRD FLOOR

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	MHB15004U
NAME OF SUBMITTER:	NING LI
SIGNATURE:	/Ning Li/
DATE SIGNED:	07/05/2016

PATENT REEL: 039074 FRAME: 0706 503901137

Total Attachments: 7 source=MHB15004U_Assignments#page1.tif source=MHB15004U_Assignments#page2.tif source=MHB15004U_Assignments#page3.tif source=MHB15004U_Assignments#page4.tif source=MHB15004U_Assignments#page5.tif source=MHB15004U_Assignments#page6.tif source=MHB15004U_Assignments#page7.tif

PATENT REEL: 039074 FRAME: 0707

Docket No.: MHB15004U

Assignment to Xpliant

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Chirinjeev SINGH, Nikhil JAYAKUMAR, Weihuang WANG, Weinan MA, Daman AHLUWALIA

do hereby sell, assign, and transfer unto Xpliant, a Corporation having its principal place of business at 2315 N 1st Street, 4th Floor, San Jose, CA 95131, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

DETERMINATION OF FLIP-FLOP COUNT IN PHYSICAL DESIGN

and with the state of the state						any and all Letters Patent of the thereon or therefor; or
	and describe	14/675,356 od therein, and angue granted thereon	y and all I	Letters Patent of	the United	and the inventions set forth States and of countries foreign thereto

And for the above consideration, I/we agree promptly upon request of Xpliant, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Xpliant, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Xpliant.

I/we further covenant with Xpliant, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Page 1 of 6 rev. 11/97 epn

PATENT REEL: 039074 FRAME: 0708 Inventor's Signature:

Ch	win	j) ew	Sid	<u></u>	Docket N	o.: Î Date
Chirir	ileev SIN	1GH				

Docket No	o.: M	HB15004	IU,	
	Date:	04	ŋ١	2015

ACKNOWLE	EDGMENT	
A notary public or other officer completing this certificate the identity of the individual who signed the document to vertificate is attached, and not the truthfulness, accuracy, of that document.	which this	
State of California		
County of)		
	On	before me,
	(insert name	and title of the officer)
personally appeared	subscribed to the water subscribed to the water subscribed to the instance of	thin instrument and acknowledged to me that his/her/their signature(s) on the instrument the rument.
WITNESS my hand and official scal.		
Signature	(Seal)	

Docket No.: MHB15004U

Inventor's Signature:	Nikhil JAYAKOMAR Date: 4/1/20/5
	ACKNOWLEDGMENT
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satisfactory evidence to he/she/they executed the person(s), or the entity u	who proved to me on the basis of be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that same in his/her/their authorized capacity(ics), and that by his/her/their signature(s) on the instrument the pon behalf of which the person(s) acted, executed the instrument. Y OF PERFURY under the laws of the State of California that the foregoing paragraph is true and correct. official seal.
	(Seal)

Docket No.: MHB15004U Date: 4/1/2015 Inventor's Signature: ACKNOWLEDGMENT A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. State of California County of _____) On ______ before me, (insert name and title of the officer) personally appeared ______, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERIURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official scal.

Docket No.: MHB15004U

Date: 4///S

Inventor's Signature:

ACKNOWI	LEDGMENT	
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WITNESS my hand and official seal.		
Signature	(Seal)	

Docket No.: MHB15004U

Inventor's Signature:	Daman AHLUWALIA	Date: 04-07-75
	ACKNOWLEDGMI	ENT
the identity of the indi	ner officer completing this certificate verifies of industry who signed the document to which this and not the truthfulness, accuracy, or validity	
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he/she/they executed the	be the person(s) whose name(s) is/are subscrib	, who proved to me on the basis of ed to the within instrument and acknowledged to me that and that by his/her/their signature(s) on the instrument the ted the instrument.
I certify under PENALT	Y OF PERJURY under the laws of the State of	California that the foregoing paragraph is true and correct.
WITNESS my hand and	official scal.	
Signature	(Se	al)

California Certificate of Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness. accuracy, or validity of that document. State of California County of <u>Santa</u> Clara 2015 before me, Jeffrey A. Pangborn, Notary Public, personally irinjeer Singh, Nikhil Jayakumer, Weihuang Wang. Ma, Daman Ahluwalia me on the basis of satisfactory evidence to be the person(s) whose name(s) is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their)signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. JEFFREY A. PANGBORN Comm. #2009391 lotary Public - California m Santa Clara County Description of attached document This California Certificate of Acknowledgment is attached to a document for the purpose of Patent Assignment. Serial No.: 14/675,356. Docker No.: ALHBISOO4U. The document is 6 pages and is dated 4/1/2015

Trust Certificate

Agreement

PATENT REEL: 039074 FRAME: 0714

Deed (grant/quitelaim/warranty)

WOTHER Patent Assignment

RECORDED: 07/05/2016

The type of document is:

Deed of Trust / Mortgage

Power of Attorney