

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4094252

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
INTELLECTUAL VENTURES ASSETS 23 LLC	08/31/2016

RECEIVING PARTY DATA

Name:	NBIT COMMUNICATIONS SYSTEMS, LLC
Street Address:	10 BALLIGOMINGO ROAD, SUITE P
Internal Address:	C/O EQUITABLE IP CORP.
City:	CONSHOHOCKEN
State/Country:	PENNSYLVANIA
Postal Code:	19428

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	5892561
Patent Number:	5838415

CORRESPONDENCE DATA

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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.

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NAME OF SUBMITTER:	TIMOTHY DEVLIN
SIGNATURE:	/S/ Timothy Devlin
DATE SIGNED:	10/12/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 23 LLC, a Delaware limited liability company, with an address at 2711 Centerville Rd, Suite 400, Wilmington, DE 19808 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Nbit Communications Systems, LLC, a Delaware limited liability company, with an address at c/o: Equitable IP Corp, 10 Balligomingo Rd Suite P, Conshohocken, PA 19428 ("**Assignee**"), its right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "**Certain Assets**");

Patent or application no.	Country	Issue Date (Filing Date)	Title of Patent and Inventors
JP3624359 (JP07-269806)	JP	12/10/2004 (10/18/1995)	OPTICAL MODULATION ELEMENT AND ITS MANUFACTURE, AND OPTICAL DEVICE Toshihiro Suzuki; Yoshinori Tanaka; Kenji Okamoto; Katsushige Asada
JP08-009471	JP	1/23/1998	LIQUID CRYSTAL PROJECTOR AND METHOD FOR COOLING THE PROJECTOR Keiji Hayashi; Toshihiro Suzuki; Tetsuya Hamada; Takeshi Goto
TWI102638 (TW87103829)	TW	4/21/1999 (8/29/1996)	Liquid Crystal Projector TANAKA YOSHINORI; ASADA KATSUSHIGE; OKAMOTO KENJI; SUZUKI TOSHIHIRO
TWI095826 (TW85110511)	TW	7/1/1998 (8/29/1996)	Liquid crystal panel HAYASHI KEIJI; SUZUKI TOSHIHIRO; HAMADA TETSUYA; GOTOU TAKESHI; TANAKA YOSHINORI
5892561 (08/681617)	US	4/6/1999 (7/29/1996)	LC PANEL WITH REDUCED DEFECTS HAVING ADHESIVE SMOOTHING LAYER ON AN EXTERIOR SURFACE OF THE SUBSTRATE(S) Toshihiro Suzuki; Yoshinori Tanaka; Kenji Okamoto; Katsushige Asada
KR10-0210187 (KR10-1996-0031805)	KR	4/23/1999 (7/31/1996)	LC PANEL WITH REDUCED DEFECTS HAVING ADHESIVE SMOOTHING LAYER ON AN EXTERIOR SURFACE OF THE SUBSTRATES HAMADA TETSUYA; ASADA KAZUSHIKE; OKAMOTO KENJI; HAYASHI KEIJI; KOTO TAKESHI; SUZUKI TOSHIHIRO; TANAKA YOSHINORI
5838415 (08/682523)	US	11/17/1998 (6/25/1997)	LIQUID CRYSTAL PANEL WITH REDUCED DEFECTS AND AN IMAGE PROJECTOR USING A LIQUID CRYSTAL PANEL AS AN OPTICAL SPATIAL MODULATOR Takeshi Gotoh; Tetsuya Hamada; Keiji Hayashi; Toshihiro Suzuki

Assignor assigns to Assignee all of its rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with its rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 31st day of August 2016.

ASSIGNOR:

Intellectual Ventures Assets 23 LLC

By: [Signature]
Name: JOHN WESTFOLD
Title: AUTHORIZED PERSON