

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5690235

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	LEMOPTIX SA	03/23/2015
RECEIVING PARTY DATA		
Name:	INTEL CORPORATION	
Street Address:	2200 MISSION COLLEGE BLVD	
City:	SANTA CLARA	
State/Country:	CALIFORNIA	
Postal Code:	95054	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16248366
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	tara.hibbs@bynorth.com	
Correspondent Name:	THOMAS MAHON	
Address Line 1:	24 CHARLES STREET WEST	
Address Line 4:	KITCHENER, CANADA N2G1H2	
NAME OF SUBMITTER:	THOMAS MAHON	
SIGNATURE:	/Thomas Mahon/	
DATE SIGNED:	08/28/2019	
Total Attachments: 10		
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Patent Assignment

Lemoptix SA, a Swiss stock corporation (*société anonyme*) with its registered seat in Ecublens Switzerland ("Assignor") is the sole owner of the patents and patent applications listed in Schedule 1 hereto (collectively the "Patents"); and

Intel Corporation, a Delaware corporation, with an office at 2200 Mission College Blvd, Santa Clara, CA 95054 ("Assignee") desires to acquire all right, title and interest in the Patents and the related rights described below.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and convey to Buyer and its successors and assigns all right, title and interest that may exist today and in the future to any and all:

- (1) Patents;
- (2) patents and patent applications to which any of the patents or patent applications listed in Schedule 1 directly or indirectly claims, or forms the basis for, priority anywhere in the world;
- (3) reissues, reexaminations, extensions, continuations, continuations-in-part, continuing prosecution applications and divisions of any of the items listed in (1) or (2) of this Assignment;
- (4) foreign counterparts to any of the items listed in (1), (2) or (3) of this Assignment, including utility models, inventors' certificates, industrial design protection and any other form of governmental grants or issuances for the protection of inventions, designs or discoveries;
- (5) inventions, invention disclosures, designs and discoveries described in the items listed in (1) through (4) of this Assignment;
- (6) patents that issue from any of the items listed in (1) through (5) of this Assignment;
- (7) claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the items listed in (1) through (6) of this Assignment, including all rights to pursue and collect damages, costs, injunctive relief and other remedies for past, current or future infringement of the Patents and including rights afforded under 35 U.S.C. § 154(d);
- (8) royalties, income and other payments due as of the date hereof or hereafter under or arising from any of the items listed in (1) through (7) of this Assignment; and
- (9) rights to apply for, file, register, maintain, extend and renew in any or all countries of the world patents, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of

any kind related to any of the items listed in (1) through (9) of this Assignment.

Assignor shall execute and deliver any instruments, and do and perform any other acts and things as may be reasonably necessary or desirable for effecting and evidencing the assignments contemplated hereby, including the execution, acknowledgment and recordation of any instruments.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks and any other patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Buyer.

This Assignment will inure to the benefit of Buyer and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs and legal representatives.

Assignor, by its duly authorized representative, has executed this Assignment on the date set forth below.

DATE: March 23 2015

[Signature] **LEMOPTIX SA**
By: Tiffany Sowa
Printed/Typed Name
Title: Director
[Signature]
Signature

STATE OF CALIFORNIA)
) ss.
COUNTY OF _____)

On this _____ day of March, 2015 personally appeared before me, _____, to me known and known to me to be the person aforesaid, who duly acknowledged the signing of the foregoing instrument to be his or her voluntary act and deed, and as _____ of _____ did execute the same for the uses and purposes therein set forth.

See ATTACHED

WITNESS my hand and official seal.
(Seal)

Notary Public in and for the state of _____

Print Name

My appointment expires on: _____

ACCEPTED:

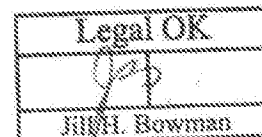
DATE: 3/23/, 2015

Intel Corporation

By: Suse Giordano
Printed/Typed Name

Title: Managing Director, U.S. Legal

Suse Giordano
Signature



CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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 Santa Clara

ss.

On March 23, 2015, before me, J. Shen, notary public,
Date

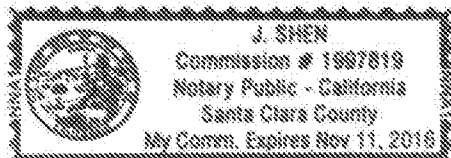
Personally appeared Tiffany Silva
Name(s) of Signer(s)

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 PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



PATENT

REEL: 056295 FRAME: 0000

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

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 Santa Clara

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ss.

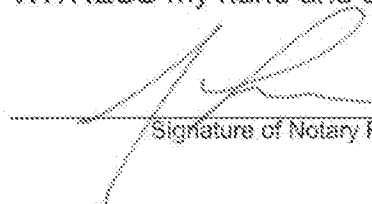
On March 23, 2015, before me, J. Shen, notary public,
Date

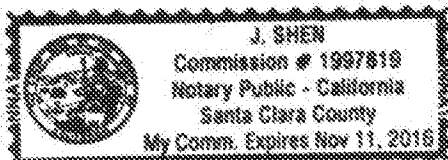
Personally appeared Susie Giordano
Name(s) of Signer(s)

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 PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.


Signature of Notary Public



Schedule 1

Inventor(s)	Current Owner	Any other ownership interest	Country of filing	Application # (patent # if granted) ¹	Filing Date	Grant Date	Status	Actions to be taken within 90 days	CFR Project (if applicable)
Nicolas Abela, Faouzi Khochena	Lenovo SA			WO/2008/05730	June 2, 2008		Issued	None	
Nicolas Abela, Faouzi Khochena	Lenovo SA		EU	EP2294472	June 2, 2008	August 21, 2012	Issued	None	
Nicolas Abela, Faouzi Khochena	Lenovo SA		DE	EP2294472	June 2, 2008	August 21, 2012	Issued	Pay grant annuity	
Nicolas Abela, Faouzi Khochena	Lenovo SA		FR	EP2294472	June 2, 2008	August 21, 2012	Issued	Pay grant annuity	
Nicolas Abela, Faouzi Khochena	Lenovo SA		DE	EP2294472	June 2, 2008	August 21, 2012	Issued	Pay grant annuity	
Faouzi Khochena, Lucio Kilcher	Lenovo SA			WO/2008/05427	May 5, 2008		Issued	None	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		US	US2009/077948	August 25, 2009	September 18, 2012	Issued	None	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		EP	EP2009/077948	May 5, 2009		Pending	Pay annuity	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		CN	CN2009/000179186	May 5, 2009		Pending	None	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		J	JP2012/050800	May 5, 2009		Abandoned	None	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA			WO/2008/05927	July 31, 2008		Issued	None	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		US	US2012/0308269	January 25, 2012		Allowed	Pay notice of allowance	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		EP	EP2009/078143	July 31, 2009		Pending	Pay annuity	9941.1
Faouzi Khochena, Lucio Kilcher	Lenovo SA		J	JP2012/030779	July 31, 2009		Abandoned	None	9941.1
Nicolas Abela, Ophélie Cugat	Lenovo SA (Lenovo has bought the ownership from Centre National de la Recherche Scientifique (CNRS) is still listed as applicant in the database.)		FR	FR2941713	October 27, 2009	April 13, 2012	Issued	Pay annuity	
Nicolas Abela, Ophélie Cugat	Lenovo SA			WO/2010/001201	October 27, 2010		Issued	None	
Nicolas Abela, Ophélie Cugat	Lenovo SA		J	JP2010/009	October 27, 2010	December 13, 2014	Issued	Pay grant annuity	
Nicolas Abela, Ophélie Cugat	Lenovo SA		US	US2010/0304764	October 27, 2010		Allowed	Pay notice of allowance	
Nicolas Abela, Ophélie Cugat	Lenovo SA (Lenovo has bought the ownership from Centre National de la Recherche Scientifique.)		CN	CN2010/0090512	October 27, 2010		Pending	None	
Nicolas Abela, Ophélie Cugat	Lenovo SA		US	US2014/030234	November 7, 2013		Pending	Office action	
Lucio Kilcher, Faouzi Khochena, Nicolas Abela	Lenovo SA			WO/2010/055760	April 28, 2010		Issued	None	9941.1
Lucio Kilcher, Faouzi Khochena, Nicolas Abela	Lenovo SA		US	US8664316	April 28, 2010	October 21, 2014	Issued	None	9941.1
Lucio Kilcher, Faouzi Khochena, Nicolas Abela	Lenovo SA			WO/2010/055761	April 28, 2010		Issued	None	9941.1
Lucio Kilcher, Faouzi Khochena, Nicolas Abela	Lenovo SA		US	US2010/0308264	April 28, 2010		Advisory action	None	9941.1

¹ The patent application number or patent number (if issued) listed herein reflects the applicable number as referenced in Espacenet, the official European Patent Office patent search engine, available at <http://www.epo.org/searching/free/espacenet.html>. For the currently pending applications, the filing dates in the table above are the ones provided together with the application number in the Espacenet database.

Inventor(s)	Current Owner	Any other ownership interest	Country of filing	Application # (patent # if granted)	Filing Date	Grant Date	Status	Action to be taken within 90 days	CTA Project or application
Eric Chevalier, Maher Kayal, François Krummenacher, Marc Pasteur	Lenovo SA			WO2011118671/98	September 30, 2011		Issued	None	12231.1
Eric Chevalier, Maher Kayal, François Krummenacher, Marc Pasteur	Lenovo SA		EP	EP20110769648	September 30, 2011		Pending	None	12231.1
Eric Chevalier, Maher Kayal, François Krummenacher, Marc Pasteur	Lenovo SA		US	US2011133478/88	September 30, 2011		Pending	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA			WO2011039492	August 31, 2011		Issued	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		EP	EP20110749926	August 31, 2011		Pending	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		US	US2011132496/24	August 31, 2011		Pending	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA			WO2011118671/98	August 31, 2011		Issued	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		US	US2011133782/79	Mar 1, 2011		Pending	Response to ex parte Chinese action	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA			WO2011039492	September 2, 2011		Issued	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		EP	EP20110749926	September 2, 2011		Pending	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		US	US2011133782/79	Mar 1, 2011		Pending	Office action response	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		India	IN2011077007/CHEN/2011	September 2, 2011		Pending	None	12231.1
Julien Gasser, Faouzi Khechama	Lenovo SA		US (provis. entry)	US2011015510/18P	October 25, 2011		Issued	None	12231.1
Julien Gasser, Faouzi Khechama	Lenovo SA			WO2011039492	September 25, 2011		Issued	None	12231.1
Julien Gasser, Faouzi Khechama	Lenovo SA		US	US2011143337/46	September 25, 2011		Pending	None	12231.1
Julien Gasser, Faouzi Khechama	Lenovo SA		J	JP2012060433/34	Jan 12, 2012		Pending	Office action response	12231.1
Julien Gasser, Faouzi Khechama	Lenovo SA		EP	EP20120778177	September 25, 2012		Pending	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		US (provis. entry)	US2011015510/18P	November 9, 2011		Issued	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA			WO2011039492	August 15, 2012		Issued	None	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		EP	EP20120749926	August 15, 2012		Pending	Office action response	12231.1
Lucio Kähler, Nicolas Abela	Lenovo SA		US	US2011143337/46	August 15, 2012		Pending	None	12231.1
Faouzi Khechama, Nicolas Abela	Lenovo SA		US (provis. entry)	US2011015510/18P	March 8, 2012		Issued	None	12231.1
Faouzi Khechama, Nicolas Abela	Lenovo SA			WO2011039492	February 21, 2012		Issued	None	12231.1
Faouzi Khechama, Nicolas Abela	Lenovo SA		US	US2011143337/46	February 21, 2012		Pending	None	12231.1
Faouzi Khechama, Nicolas Abela	Lenovo SA		CH	CH20130131/04	February 21, 2013		Pending	File a request for substantive examination	12231.1
Faouzi Khechama, Nicolas Abela	Lenovo SA		SG	SG2012025948	February 21, 2013		Pending	Office action response	12231.1
Julien Gasser, Faouzi Khechama, Nicolas Abela	Lenovo SA			WO2011039492	June 12, 2012		Pending	None	12231.1
Julien Gasser, Faouzi Khechama, Nicolas Abela	Lenovo SA		US	US2011015510/18P	June 12, 2012		Pending	Office action response	12231.1

Inventor(s)	Current Owner	Any other ownership interest	Country of filing	Application # (patent # if granted)	Filing Date	Grant Date	Status	Actions to be taken within 90 days	CTF Project # of applicable act
Lucio Kitcher, Nicolas Abele	Lenovo SA			WI20120360340	June 1, 2012		Pending	None	12231.1
Lucio Kitcher, Nicolas Abele	Lenovo SA		I	Pending for official number	June 1, 2012		Pending	YHD	12231.1
Lucio Kitcher, Nicolas Abele	Lenovo SA		US	US2014403818	June 1, 2012		Pending	Office action response	12231.1
Lucio Kitcher, Nicolas Abele	Lenovo SA		EP	EP20120725397	June 1, 2012		Pending	Office action response	12231.1
Lucio Kitcher, Nicolas Abele	Lenovo SA			WI20120360340	August 6, 2012		Pending	None	12231.1
Lucio Kitcher, Nicolas Abele	Lenovo SA		TW	TW20130128057	August 6, 2012		Pending	None	12231.1
Lucio Kitcher, Nicolas Abele	Lenovo SA		US	US2014403818	January 23, 2013		Pending	Office action response	12231.1
Mohammed Adham, Nicolas Abele	Lenovo SA			WO20120360340	December 18, 2012		Pending	Decide country to file national phase	12231.1
Lucio Kitcher, Christophe Le Gros	Lenovo SA			WO20120360340	October 3, 2012		Pending	Decide country to file national phase	12231.1
Lucio Kitcher, Jonathan Masson, Christophe Le Gros	Lenovo SA		US (provisional)	US2012017095469	October 4, 2012		Lapsed	None	12231.1
Lucio Kitcher, Jonathan Masson, Christophe Le Gros	Lenovo SA			WO20130270574	October 2, 2013		Pending	Decide country to file national phase	12231.1
Julien Cleret, Faouzi Khouchana, Nicolas Abele	Lenovo SA			WI20120360340	October 25, 2012		Pending	Decide country to file national phase	12231.1
Julien Cleret, Faouzi Khouchana	Lenovo SA			WO20120360340	December 20, 2012		Pending	Decide country to file national phase	12231.1
Jonathan Masson, Nicolas Abele	Lenovo SA			WO20130270574	January 31, 2013		Pending	Decide country to file national phase	12231.1
Nicolas Abele, Faouzi Khouchana	Lenovo SA		US (provisional)	US2012017095469	March 8, 2012		Lapsed	None	12231.1
Nicolas Abele, Faouzi Khouchana	Lenovo SA			WO20130270574	January 11, 2013		Lapsed	None	12231.1
Nicolas Abele, Faouzi Khouchana	Lenovo SA		US	US201301432724	February 11, 2013		Pending	None	12231.1
Nicolas Abele, Faouzi Khouchana	Lenovo SA		EP	EP20130700392	February 11, 2013		Pending	None	12231.1
Jonathan Masson, Lucio Kitcher	Lenovo SA			WO20130270574	May 10, 2013		Pending	Decide country to file national phase	12231.1
René Schaefer, Nicolas Abele	Lenovo SA			WI20130360340	June 26, 2013		Pending	Decide country to file national phase	12231.1
Christophe Le Gros, Nicolas Abele	Lenovo SA			WI20130360340	July 22, 2013		Pending	Decide country to file national phase	12231.1
Martin Lemaire, Thierry Barria, Nicolas Abele	Lenovo SA			WO20130360340	October 7, 2013		Pending	Decide country to file national phase	12231.1

Inventors	Current Owner	Any other ownership interest	Country of filing	Application # (assent # if granted)	Filing Date	Grant Date	Status	Action to be taken within 90 days	CHI Project (if applicable)
Muhammad Akram, Zhaomin Tong, Nanyan Chen	Lemoptix SA		CH	US20130022954	September 16, 2013		Pending	Office action	
Muhammad Akram, Zhaomin Tong, Nanyan Chen	Lemoptix SA		CH	CH20131051798	September 16, 2013		Pending	Office action	
Leo Chavallat, Nicolas Abela	Lemoptix SA			WO2013097452	November 22, 2013		Pending	Decide country to file national phase and file divisional application	
Nicolas Abela, Jonathan Masson, Lucie Elieher	Lemoptix SA		CH	US2014136475	December 26, 2013		Pending	Office action	
Lucio Klieber, Nicolas Abela	Lemoptix SA		CH	CH20140006789	May 23, 2014		Pending	Expand to other countries	
Jonathan Masson, Dominique Marchal	Lemoptix SA			WO20140398947	September 5, 2014		Pending	Decide country to file national phase	
Nicolas Abela, Patrick Gerard Meglow	Lemoptix SA		FR	FR1401821	August 7, 2014		Pending	Pay annuity	
Lucio Klieber, Nicolas Abela	Lemoptix SA		US	US2014105641	July 15, 2014		Pending	Expand to other countries	
Nicolas Abela, Michel Crochet	Lemoptix SA		US	US2014480789	September 5, 2014		Pending	Expand to other countries	
Lucio Klieber, Nicolas Abela	Lemoptix SA		US	US2014491013	September 12, 2014		Pending	Expand to other countries	
Jonathan Masson, Christophe Le Guen, Lucio Klieber	Lemoptix SA		US (provisional)	US82007352	October 22, 2014		Pending	Expand to other countries	
Lucie Elieher, Nicolas Abela	Lemoptix SA		US (provisional)	US82007371	November 20, 2014		Pending	Expand to other countries	
Lucio Klieber, Nicolas Abela	Lemoptix SA		US (provisional)	US82007375	November 20, 2014		Pending	Expand to other countries	
Yasuyuki Sudojima, Noriaki Masakuni, Akiaki Nozohara	HAMAMATSU PHOTONICS KK (co-going transferred to Lemoptix according to license contract with Hamamatsu)	HAMAMATSU PHOTONICS KK (co-going transferred to Lemoptix according to license contract with Hamamatsu)		WO2014169770	December 12, 2013		Pending	TOO (currently handled by Hamamatsu, not yet transferred to Lemoptix)	