

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Thomson Licensing S.A.S.	09/08/2010
RECEIVING PARTY DATA	
Name:	TIXEL GmbH
Street Address:	Karl-Wiechert-Allee 74
City:	Hannover
State/Country:	GERMANY
Postal Code:	30625
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12450853
CORRESPONDENCE DATA	
Fax Number:	(215)542-5825
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	215-542-5824
Email:	dmaddox@phd-ip.com
Correspondent Name:	Howard IP Law Group, PC
Address Line 1:	PO Box 226
Address Line 4:	Fort Washington, PENNSYLVANIA 19034
ATTORNEY DOCKET NUMBER:	TIXEL-0003-US
NAME OF SUBMITTER:	Edward Howard
Total Attachments: 6 source=00047043#page1.tif source=00047043#page2.tif source=00047043#page3.tif source=00047043#page4.tif source=00047043#page5.tif	

CH \$40.00 12450853

501403173

PATENT
REEL: 025621 FRAME: 0715

Patent Assignment Agreement

Between

Thomson Licensing S.A.S., a company duly organised and existing under the laws of France, having offices at 1-5 rue Jeanne d'Arc, 92443 Issy les Moulineaux cedex, France, with a share capital of 42,000,000 euros, registered at the trade register of Nanterre under number 383 461 191,

Hereinafter referred to as "Assignor",

And

TIXEL GmbH, a company duly organized and existing under the laws of Germany and having offices at Karl-Wiechert-Allee 74, 30625 Hannover,

Hereinafter referred to as "Assignee",

Hereinafter called, separately or collectively, "Party(ies)";

WHEREAS Assignor is the owner of certain Assignor Patents, as more fully set forth below hereafter and as attached in Exhibit I to the present Patent Assignment Agreement;

WHEREAS pursuant to Article 1 of the Agreement signed between Assignor and Assignee (ref. SP09C175L)(the "Agreement"), all right, title and interest to Assignor's Assignor Patents, as set forth in the Agreement, shall be assigned to Assignee;

THEREFORE, both Parties hereby agree as follows:

Article 1

Assignor hereby transfers and assigns to Assignee, and confirms the transfer and assignment to Assignee of, all of Assignor's right, title and interest in its Assignor Patents; that is, all those patents or patent applications which are listed on the Exhibit I to the present Patent Assignment Agreement. Assignee hereby accepts such transfer and assignment to it of the foregoing Assignor Patents.

In consequence, Assignee shall have all right, title and interest in and to the foregoing Assignor Patents, including the right to exploit, use, assign, license (or act as licensor, in respect of existing license agreements) and dispose of the foregoing Assignor Patents.

Article 2

Assignee will have the right to institute, continue or defend, any suit or action dealing with the foregoing Assignor Patents.

To such effect, Assignee is subrogated to all Assignor's rights and actions, in substitution for those of Assignor, both with respect to claims and defenses.

Article 3

The Assignor warrants that its rights with respect to the foregoing Assignor Patents have not been mortgaged, pledged, hypothecated or encumbered by any lien or security interest interfering with the assignment.

Article 4

The foregoing assignment is concluded for fair and valuable consideration paid, or to be paid, to or on behalf of Assignor and at an amount mutually agreed.

Article 5

The present Patent Assignment Agreement may be registered by or for the Assignee, at its expense, before the appropriate Patents Office(s).

Article 6

Following execution by the Parties, the present Patent Assignment Agreement shall come into force retroactively as at May 11, 2010.

IN WITNESS WHEREOF, each of the Parties hereto has caused the present Patent Assignment Agreement to be executed in two (2) original copies, one (1) for each part, by its duly authorized officer or representative.

Assignor

By David KATZ
(title and signature): VP Br. Dev. I&L
Date: 08 Sept. 2010



Assignee

By Dr. Edward Sweeney
(title and signature): Managing Director, CEO
Date: 08. Sept. 2010



Exhibit I - List of Assignor Patents

I. Patent applications:

File Number : PD060104Internal Title : TRANSPORT OF DIGITAL MOVING-PICTURE EXCHANGE DATA
(DPX) OVER HIGH SPEED NETWORKS

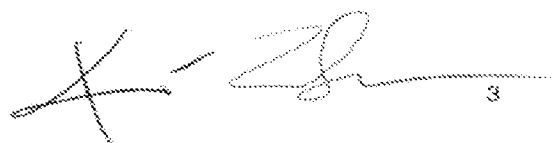
Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	19 dec 2006	06126543.5			PUB	19 dec 2026

File Number : PD070029Internal Title : METHOD FOR OPTIMIZATION OF THE DATA THROUGHPUT OF A
MEMORY UNIT

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
DE					DES	
EP	09 apr 2008	08736033.5			PUB	09 apr 2028
EP	16 apr 2007	07106251.7			ABD	
FR					DES	
GB					DES	
US	09 apr 2008	12/450853			PUB	09 apr 2028
WO	09 apr 2008	EP2008/054310			PUB	09 apr 2028

File Number : PD070035Internal Title : IMPROVED TIME SYNCHRONISATION ALGORITHM FOR
NETWORKING

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
CN	08 may 2008	200880013892.1			PUB	08 may 2028
DE					DES	
EP	08 may 2008	08759462.8			PUB	08 may 2028
EP	10 may 2007	07107929.7			ABD	
FR					DES	
GB					DES	
IN	08 may 2008	5921/CHENP/2009			PUB	08 may 2028
JP	08 may 2008	PCT/EP08/055677			FLGL	08 may 2028
KR	08 may 2008	10-2009-7023368			FLGL	08 may 2028
US	08 may 2008	12/451364			PUB	08 may 2028
WO	08 may 2008	PCT/EP08/055677			PUB	08 may 2028

File Number : PD070084Internal Title : METHOD FOR FAST DATA TRANSPORT BETWEEN USER API AND
NETWORK DRIVER


CONFIDENTIAL

SECRET/75L

DRAFT WITHOUT COMMITMENT UNLESS SIGNED BY AUTHORIZED REPRESENTATIVES OF EACH PARTY

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
CN					ABD	
DE					DES	
EP	19 sep 2008	08804222.1			PUB	15 sep 2028
EP	02 oct 2007	07117776.0			ABD	
FR					DES	
GB					DES	
IN					ABD	
JP					ABD	
US					ABD	
WO	18 sep 2008	PCT/EP08/062263			PUB	15 sep 2028

File Number : PD080001

Internal Title : CONNECTION OPENER PROBLEM SOLVING DATA RATE ESTIMATION

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
CN					DES	
DE					DES	
EP					FLD	
EP	22 feb 2008	08101897.0			ABD	
EP	17 dec 2008	08869722.2			PUB	
EP	04 jan 2008	08100104.2			ABD	
FR					DES	
GB					DES	
JP					DES	
US	17 dec 2008	12/735311			FLD	
WO	17 dec 2008	PCT/EP08/067745			PUB	17 dec 2028

File Number : PD080006

Internal Title : METHOD FOR FAST RECALCULATIONS BETWEEN DIFFERENT BASES TIMERS

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
CN	23 jan 2009	200910009732.6			PUB	23 jan 2029
DE					DES	
EP	19 jan 2009	09150867.1			PUB	19 jan 2029
EP	30 jan 2008	08101116.5			ABD	
FR					DES	
GB					DES	
IN	07 jan 2009	36/CHE/2009			PUB	07 jan 2029
JP	27 jan 2009	2009-15248			FLG	27 jan 2029
KR	23 jan 2009	10-2009-0005933			FLG	23 jan 2029
TW	09 jan 2009	098100548			FLG	09 jan 2029
US	30 jan 2008	12/322307			PUB	30 jan 2028

Export Assignment Agreement ELAS/Tdel
H04e (75)


PATENT
REEL: 025621 FRAME: 0720

File Number : PD080028

Internal Title : PROACTIVE ACKNOWLEDGES OF LONG DATA SECTIONS

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	04 apr 2008	08154106.2			ABD	
WO	26 mar 2009	PCT/EP09/053630			PUB	26 mar 2029

File Number : PD080071

Internal Title : FAST PATH MTU DISCOVERY MECHANISM FOR WAN CONNECTIONS

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	04 jul 2009	09008792.5			PUB	04 jul 2029
EP	15 sep 2008	08305551.7			ABD	
IN	27 aug 2009	2069/CHE/2009			PUB	27 aug 2029
US	03 sep 2009	12/584301			PUB	03 sep 2029

File Number : PD080092

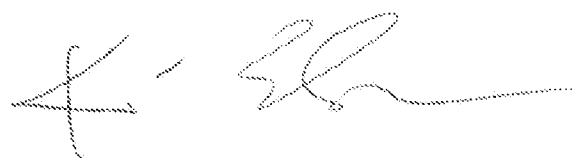
Internal Title : ON-THE-FLY INTERLACING WITH RTP OFFSET RECALCULATION

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	10 nov 2008	08305793.5			ABD	
WO	06 nov 2009	PCT/EP09/064747			PUB	06 nov 2029

File Number : PD090012

Internal Title : METHOD FOR STORING IP PACKET LOSS INFORMATION IN ASSOZIATIVE MEMORY

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	25 mar 2009	09305264.5			ABD	
WO	24 mar 2010	PCT/EP10/053840			FLG	



File Number : PD090029

Internal Title : IMPROVED METHOD TO EFFICIENTLY ACCESS FILES IN A ONEFS
BASED FILESYSTEM

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	27 nov 2009	09306149.7			PLG	27 nov 2029

File Number : PD100014

Internal Title : METHOD FOR PARALLEL ACCES OF NETWORK ATTACHED
STORAGE

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	14 apr 2010	10305375.7			PLG	14 apr 2030

File Number : PD100021

Internal Title : NETWORKING SYSTEM CALL DATA DIVISION FOR ZERO COPY
OPERATIONS

Countries	Filing date	Filing number	Grant date	Patent number	Status	Expiring date
EP	27 apr 2010	10305439.1			PLG	27 apr 2030

II. Invention Disclosure

None

