

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM462154

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Quantel Limited		08/31/2017	limited company: UNITED KINGDOM
RECEIVING PARTY DATA			
Name:	Snell Advanced Media Limited		
Street Address:	31 Turnpike Road		
City:	Newbury, Berkshire		
State/Country:	UNITED KINGDOM		
Postal Code:	RG14 2NX		
Entity Type:	Private Limited Liability Company: UNITED KINGDOM		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Registration Number:	5134799	MEDIA BIOMETRICS	
Registration Number:	2029858	QUANTEL	
Registration Number:	4597569	QUANTEL	
Registration Number:	3105866	IQ	
CORRESPONDENCE DATA			
Fax Number:	2023444019		
<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>			
Phone:	2023444019		
Email:	mbharrison@venable.com		
Correspondent Name:	Mark Harrison		
Address Line 1:	P.O. Box 34385		
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ATTORNEY DOCKET NUMBER:	31916-389779		
DOMESTIC REPRESENTATIVE			
Name:	Mark Harrison		
Address Line 1:	P.O. Box 34385		
Address Line 4:	Washington, D.C. 20043-9998		

CH \$115.00 5134799

NAME OF SUBMITTER:	Mark Harrison
SIGNATURE:	/Mark Harrison/
DATE SIGNED:	02/14/2018
Total Attachments: 14 source=Quantel PatentTrademark Assignment Aug 2017 signed#page1.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page2.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page3.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page4.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page5.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page6.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page7.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page8.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page9.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page10.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page11.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page12.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page13.tif source=Quantel PatentTrademark Assignment Aug 2017 signed#page14.tif	

THIS ASSIGNMENT is made the 31st day of August 2017

Between:

- (1) Quantel Limited, a company incorporated under the laws of England & Wales under company number 01130271 whose registered office is at Turnpike Road, Newbury, Berkshire RG14 2NX, United Kingdom (hereinafter "the Assignor"), and
- (2) Snell Advanced Media Limited, a company incorporated under the laws of England and Wales under company number 01160119 whose registered offices at Turnpike Road, Newbury, Berkshire, RG14 2NX (hereinafter "the Assignee", which expression includes its successors in title and assigns).

WHEREAS:

- (A) The Assignor is registered as applicant/proprietor in respect of the patents and patent applications identified in Schedule A hereto (hereinafter the "Patent Rights").
- (B) The Assignor is the owner of the trade marks, short of particulars of which are set out in Schedule B hereto (the "Trade Marks").
- (C) The Assignor has agreed to assign the Patent Rights and the Trade Marks to the Assignee.

ASSIGNMENT:

1. In consideration of the premises, the Assignor HEREBY ASSIGNS with full title guarantee all the property, rights, title and interest in and to the Patent Rights and each and every invention disclosed therein to the Assignee to hold absolutely for the benefit of the Assignee, including, without prejudice to the generality of the foregoing, any reissues or extensions and for the entire terms of any patents, reissues or extensions that may issue from foreign applications, divisions, continuations in whole or part, or substitute applications filed claiming the benefit of the Patent Rights, and including the right to file divisional applications, the right to claim priority from the Patent Rights and the right to recover, and to bring all such proceedings as may be necessary for the recovery of, damages or other forms of relief in respect of any and all infringements of the Patent Rights, any divisional applications and any other patents resulting from the Patent Rights and inventions and any divisional applications whether taking place before or after the date of this Assignment TO HOLD the same unto the Assignee absolutely.
2. In consideration of the premises the Assignor HEREBY ASSIGNS to the Assignee with full title guarantee all the property rights, title and interest in the Trade Marks, together with the goodwill associated with the Trade Marks, and all rights, powers, liberties and immunities conferred on the registered proprietor of the Trade Marks free of all liens,

charges and encumbrances and including the right to bring, make, oppose, defend, appeal proceedings, claims or actions (and to retain any damages recovered) in respect of any infringement, or any other cause of action (including passing off) arising from ownership, of any of the Trade Marks whether occurring before, on or after the date of this assignment.

3. The Assignor covenants that it will at the request and expense of the Assignee execute all further assignments, transfers, deeds and documents and do and procure all further acts and things and depose to or swear all declarations or oaths which may be necessary or desirable for securing, completing and absolutely vesting full rights, title and interest in the Patent Rights and the Trade Marks in the Assignee, including the right to enjoy the exclusive benefit of any extension, prolongation or further grant of patents for the time being vested in the Assignee by virtue of this Assignment.
4. The Assignor warrants that it has not licensed, assigned, mortgaged or otherwise disposed of or charged the rights granted by the Patent Rights or the Trade Marks or compromised the ability of the Assignee to use the Patent Rights or the Trade Marks.
5. This assignment and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation shall be governed by and construed in accordance with the law of England and Wales.

SCHEDULE A

Family Title	Country	Property Type	Case Status	Application Date	Application No.	Publication No.
File server system	European Patent Office	Patent	Abandoned	22/02/2008	08709504.8	2174241
File server system	United Kingdom	Patent	Abandoned	23/02/2007	0703537.1	2446832
File server system	Hong Kong	Patent	Abandoned	22/02/2008	10109213.0	1142967
File server system	Patent Cooperation Treaty	Patent	See National Phase	22/02/2008	PCT/GB2008/000622	WO2008/102159
A signal processing system	Germany	Patent	Abandoned	27/02/1998	98301466.3	
A signal processing system	European Patent Office	Patent	Granted - No Opposition	27/02/1998	98301466.3	0862334
A signal processing system	France	Patent	Abandoned	27/02/1998	98301466.3	
A signal processing system	United Kingdom	Patent	Abandoned	27/02/1998	98301466.3	
An image processing system	Germany	Patent	Abandoned	27/03/1998	98302368.0	
An image processing system	European Patent Office	Patent	Granted - No Opposition	27/03/1998	98302368.0	0868089
An image processing system	France	Patent	Abandoned	27/03/1998	98302368.0	
An image processing system	United Kingdom	Patent	Expired	27/03/1997	9706498.4	2323735
An image processing system	United Kingdom	Patent	Abandoned	27/03/1998	98302368.0	
A video image processing apparatus and method	United Kingdom	Patent	Expired	13/02/1997	9702959.9	2322269
Improvements in or relating to illuminateable switch actuator buttons	United Kingdom	Patent	Abandoned	17/02/1998	9803366.5	2334378
Multi-zonal video editing system	United Kingdom	Patent	Granted	04/02/2005	0502332.0	2422973
An electronic graphic system	Germany	Patent	Abandoned	29/05/1998	98304279.7	

An electronic graphic system	European Patent Office	Patent	Granted - No Opposition	29/05/1998	98304279.7	0881597
An electronic graphic system	France	Patent	Abandoned	29/05/1998	98304279.7	
An electronic graphic system	United Kingdom	Patent	Expired	30/05/1997	9711281.7	2325834
An image processing system	United Kingdom	Patent	Granted	14/08/1997	9717285.2	2328336
An image processing system	United States of America	Patent	Granted	23/07/1998	09/121801	
Distributed data allocation system	United Kingdom	Patent	Granted	05/09/2006	0617526.9	2444083
A data processing system	United Kingdom	Patent	Granted	27/10/1999	9925448.4	2355872
A data processing system	Japan	Patent	Abandoned	26/10/2010	327561/2000	216091/2001
A signal processing system	United Kingdom	Patent	Expired	17/04/1996	9607910.8	2312350
A signal processing system	Japan	Patent	Abandoned	16/04/1997	098880/1997	042313/1998
A video processing system	United Kingdom	Patent	Expired	27/03/1997	9706496.8	2323734
Signal processing system	Germany	Patent	Expired	17/04/1997	97302643.8	
Signal processing system	European Patent Office	Patent	Expired	17/04/1997	97302643.8	0802686
Signal processing system	France	Patent	Expired	17/04/1997	97302643.8	
Signal processing system	United Kingdom	Patent	Expired	17/04/1997	97302643.8	
A video editing system	United Kingdom	Patent	Abandoned	16/04/1999	9908832.0	2349288
A video editing system	United States of America	Patent	Granted	29/03/2000	09/537986	
An electronic graphic system	United Kingdom	Patent	Expired	13/02/1997	9702958.1	2317089
Editing system	United Kingdom	Patent	Granted	26/01/2007	0701499.6	

Methods and systems for providing file data for a media file	Australia	Patent	Abandoned	24/01/2013	2013214023	
Methods and systems for providing file data for a media file	Canada	Patent	Abandoned	24/01/2013	2863191	
Methods and systems for providing file data for a media file	European Patent Office	Patent	Pending	24/01/2013	13702822.1	2812813
Methods and systems for providing file data for a media file	United Kingdom	Patent	Pending	03/02/2012	1201993.1	2499039
Methods and systems for providing file data for a media file	Japan	Patent	Transferred	24/01/2013	2014-555301	2015-512188
Methods and systems for providing file data for a media file	New Zealand	Patent	Abandoned	24/01/2013	628120	
Methods and systems for providing file data for a media file	United States of America	Patent	Pending	24/01/2013	14/375708	2014-0379765
Methods and systems for providing file data for a media file	Patent Cooperation Treaty	Patent	See National Phase	24/01/2013	PCT/GB2013/050156	WO2013/114082
Improvements relating to file systems	Australia	Patent	Abandoned	20/03/2012	2012238409	
Improvements relating to file systems	Canada	Patent	Abandoned	20/03/2012	2832353	
Improvements relating to file systems	European Patent Office	Patent	Pending	20/03/2012	12719430.6	2695089
Improvements relating to file systems	United Kingdom	Patent	Pending	07/04/2011	1105976.3	2489932
Improvements relating to file systems	Japan	Patent	Transferred	20/03/2012	2014-503210	2014-510982
Improvements relating to file systems	New Zealand	Patent	Abandoned	20/03/2012	616449	
Improvements relating to file systems	United States of America	Patent	Pending	20/03/2012	14/110227	2014-0122545

Improvements relating to file systems	Patent Cooperation Treaty	Patent	See National Phase	20/03/2012	PCT/GB2012/050602	WO2012/136977
Methods and systems for providing file data for a media file	Australia	Patent	Pending	24/01/2013	2013214024	
Methods and systems for providing file data for a media file	Canada	Patent	Pending	24/01/2013	2863195	
Methods and systems for providing file data for a media file	European Patent Office	Patent	Pending	24/01/2013	13706672.6	2810446
Methods and systems for providing file data for a media file	United Kingdom	Patent	Pending	03/02/2012	1201994.9	2499040
Methods and systems for providing file data for a media file	Japan	Patent	Pending	24/01/2013	2014-555302	2015-510727
Methods and systems for providing file data for a media file	New Zealand	Patent	Granted	24/01/2013	628122	
Methods and systems for providing file data for a media file	United States of America	Patent	Pending	24/01/2013	14/375713	2015-0019597
Methods and systems for providing file data for a media file	Patent Cooperation Treaty	Patent	See National Phase	24/01/2013	PCT/GB2013/050157	WO2013/114083
Methods and systems for providing file data for video files	European Patent Office	Patent	Pending	26/07/2012	12751102.0	2740275
Methods and systems for providing file data for video files	United Kingdom	Patent	Pending	23/08/2011	1114628.9	2493944
Methods and systems for providing file data for video files	United States of America	Patent	Abandoned	26/07/2012	14/236844	2014-0237077



Methods and systems for providing file data for video files	Patent Cooperation Treaty	Patent	See National Phase	26/07/2012	PCT/GB2012/051807	WO2013/021167
Methods and systems for providing file data for media files	Germany	Patent	Granted	26/07/2012	12753792.6	
Methods and systems for providing file data for media files	European Patent Office	Patent	Granted - No Opposition	26/07/2012	12753792.6	2740276
Methods and systems for providing file data for media files	France	Patent	Granted	26/07/2012	12753792.6	
Methods and systems for providing file data for media files	United Kingdom	Patent	Pending	05/08/2011	1113621.5	2495268
Methods and systems for providing file data for media files	United Kingdom	Patent	Granted	26/07/2012	12753792.6	
Methods and systems for providing file data for media files	United States of America	Patent	Pending	26/07/2012	14/236842	2014-0289257
Methods and systems for providing file data for media files	Patent Cooperation Treaty	Patent	See National Phase	26/07/2012	PCT/GB2012/051808	WO2013/021168
Methods for generating file relationship data and media file systems that generate file relationship data	Australia	Patent	Abandoned	14/08/2013	2013311468	
Methods for generating file relationship data and media file systems that generate file relationship data	Canada	Patent	Abandoned	14/08/2013	2883009	

Methods for generating file relationship data and media file systems that generate file relationship data	European Patent Office	Patent	Pending	14/08/2013	13752659.6	2893467
Methods for generating file relationship data and media file systems that generate file relationship data	United Kingdom	Patent	Pending	05/09/2012	1215838.2	2505654
Methods for generating file relationship data and media file systems that generate file relationship data	Japan	Patent	Abandoned	14/08/2013	2015-530489	2015-534159
Methods for generating file relationship data and media file systems that generate file relationship data	New Zealand	Patent	Abandoned	14/08/2013	706091	
Methods for generating file relationship data and media file systems that generate file relationship data	United States of America	Patent	Pending	14/08/2013	14/423689	2015-0302010
Methods for generating file relationship data and media file systems that generate file relationship data	Patent Cooperation Treaty	Patent	See National Phase	14/08/2013	PCT/GB2013/052158	WO2014/037698

Determining a quality measure for a processed video signal	United Kingdom	Patent	Priority Only	26/08/2015	1515142.6	
Determining a quality measure for a processed video signal	Patent Cooperation Treaty	Patent	Pending	25/08/2016	PCT/GB2016/052638	WO2017/033017
Methods and systems for providing file data from a file system	United Kingdom	Patent	Pending	15/04/2016	1606592.2	
Methods of distributing media files, and file distribution systems for distributing media files	United Kingdom	Patent	Pending	15/04/2016	1606593.0	
Media file systems and methods of storing media files in a media file system	United Kingdom	Patent	Pending	15/04/2016	1606595.5	
Media file systems and methods of storing media files in a media file system	Patent Cooperation Treaty	Patent	Pending	13/04/2017	PCT/GB2017/051053	
Methods of streaming media file data and media file servers	United Kingdom	Patent	Pending	15/04/2016	1606596.3	
Methods of streaming media file data and media file servers	Patent Cooperation Treaty	Patent	Pending	13/04/2017	PCT/GB2017/051056	
Methods of storing media files and returning file data for media files and media file systems	United Kingdom	Patent	Pending	15/04/2016	1606597.1	

Methods of storing media files and returning file data for media files and media file systems	Patent Cooperation Treaty	Patent	Pending	13/04/2017	PCT/GB2017/051057	
Methods of storing essence data in media file systems	United Kingdom	Patent	Pending	11/09/2016	1615348.8	

SCHEDULE B

Country	Trade Mark	Registration No.	Case Status	Classes	Filing Date
Austria	CLIPBOX	173098	Registered	09	07/04/1995
United Kingdom	DINO	2178686	Registered	09	02/10/1998
Germany	DYNAMIC ROUNDING	1157566	Registered	09	30/06/1989
European Union	eQ	3235141	Registered	09,41,42	26/06/2003
European Union	Frame Magic	3242633	Registered	09,41,42	26/06/2003
European Union	INTERNET OF FRAMES	11788528	Registered	09,38	02/05/2013
United States of America	INTERNET OF FRAMES	4562553	Registered	09,39,42	31/05/2013
European Union	IQ	3177078	Registered	09	05/05/2003
United States of America	IQ	3105866	Registered	09	03/11/2003
United Kingdom	IQ PLATFORM	2265559	Registered	09	28/03/2001
United Kingdom	MEDIA BIOMETRICS	3122728	Registered	09	17/08/2015
United States of America	MEDIA BIOMETRICS	5134799	Registered	09	19/08/2015
European Union		1748565	Registered	09	10/07/2000
United Kingdom		2233153	Registered	09	19/05/2000
Denmark	NEWSBOX	VR 1998 03926	Registered	09	10/04/1995
Japan	NEWSBOX	4168631	Registered	09	19/04/1995
Republic of Korea	NEWSBOX	449976	Registered	09	01/12/1997
United Kingdom	NEWSBOX	1576562	Registered	09	27/06/1994
United States of America	PABLO	3440672	Registered	09	03/03/2006
United States of America	PABLO RIO	4727085	Registered	09	03/09/2014
Australia	PAINTBOX	410330	Registered	09	19/06/1984

Austria	PAINTBOX	156006	Registered	09	05/09/1994
Canada	PAINTBOX	TMA350777	Registered	-	27/08/1987
European Union	PAINTBOX	176297	Registered	09	01/04/1996
France	PAINTBOX	1382492	Registered	09	02/12/1986
Germany	PAINTBOX	2914027	Registered	09	06/06/1994
Greece	PAINTBOX	87129	Registered	09	03/11/1987
Italy	PAINTBOX	482177	Registered	09	12/12/1986
New Zealand	PAINTBOX	173814	Registered	09	30/07/1987
Norway	PAINTBOX	134626	Registered	09	22/07/1987
Portugal	PAINTBOX	242308	Registered	09	23/07/1987
Republic of Korea	PAINTBOX	449973	Registered	09	01/12/1997
United Kingdom	PAINTBOX	1166014	Registered	09	07/12/1981
United Kingdom	PAINTBOX	1222657	Registered	09	12/07/1984
United Kingdom	PAINTBOX	2161583	Registered	40,42	19/03/1998
United Kingdom	PAINTBOX	1351635	Registered	41	21/07/1988
Japan	PAINTBOX ペイントボックス	2132406	Registered	09	07/05/1986
European Union	QCare	3234978	Registered	09,41,42	26/06/2003
United States of America	QCare	4431702	Registered	37,42	05/03/2013
Australia	QUANTEL	557193	Registered	09	05/06/1991
Austria	QUANTEL	137387	Registered	09	29/05/1991
Benelux	QUANTEL	764544	Registered	09	31/05/1991
Canada	QUANTEL	TMA472637	Registered	-	20/05/1992

China	QUANTEL	1159270	Registered	09	22/01/1997
Denmark	QUANTEL	VR 1994 04463	Registered	09	06/06/1991
European Union	QUANTEL	174573	Registered	09	01/04/1996
France	QUANTEL	1668532	Registered	09	30/05/1991
Germany	QUANTEL	2011056	Registered	09	29/05/1991
Hong Kong	QUANTEL	200501268	Registered	09	24/12/1996
Hong Kong	QUANTEL	300088380	Registered	09	03/10/2003
Italy	QUANTEL	1355185	Registered	09	31/05/1991
New Zealand	QUANTEL	210608	Registered	09	04/06/1991
Norway	QUANTEL	185679	Registered	09	19/12/1995
Philippines	QUANTEL	4-1997-119152	Registered	09	25/03/1997
Republic of Korea	QUANTEL	410968	Registered	09	23/01/1997
Singapore	QUANTEL	T97/000261	Registered	09	03/01/1997
Spain	QUANTEL	M1641669	Registered	09	10/06/1991
Sweden	QUANTEL	260993	Registered	09	04/06/1991
Taiwan	QUANTEL	893003	Registered	09	26/12/1996
Turkey	QUANTEL	2000 009156	Registered	09	15/05/2000
United Kingdom	QUANTEL	2120334	Registered	09	09/01/1997
United Kingdom	QUANTEL	1051637	Registered	09	04/09/1975
United Kingdom	QUANTEL	1536651	Registered	09	14/05/1993
United States of America	QUANTEL	4597569	Registered	09	14/12/2011
United States of America	QUANTEL	2029858	Registered	09	02/10/1995

European Union	SCENE SELECT	688614	Registered	09	25/11/1997
European Union	sQ	3235124	Registered	09,42	26/06/2003
United States of America	sQ	3211760	Registered	09	13/02/2004

Executed as a deed by Quantel Limited
acting by two directors



) Paul Horton

)

) Eric Cooney



Executed as a deed by Snell Advanced Media Limited
acting by two directors



) Paul Horton

)

) Eric Cooney

