

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6526817

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	IMAGINATION TECHNOLOGIES LIMITED	12/31/2020
RECEIVING PARTY DATA		
Name:	NORDIC SEMICONDUCTOR ASA	
Street Address:	OTTO NIELSENS VEG 12	
City:	TRONDHEIM	
State/Country:	NORWAY	
Postal Code:	7052	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16392408
CORRESPONDENCE DATA		
Fax Number:	(202)318-7707	
<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:	571-234-9002	
Email:	vdeluca@potomacclaw.com, patents@potomacclaw.com, rtisdale@potomacclaw.com	
Correspondent Name:	POTOMAC LAW GROUP PLLC	
Address Line 1:	8229 BOONE BOULEVARD	
Address Line 2:	SUITE 430	
Address Line 4:	VIENNA, VIRGINIA 22182	
ATTORNEY DOCKET NUMBER:	3351-0016US02	
NAME OF SUBMITTER:	VINCENT M DELUCA	
SIGNATURE:	/Vincent M DeLuca/	
DATE SIGNED:	02/01/2021	
Total Attachments: 19		
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DATED 31 December **2020**

(1) IMAGINATION TECHNOLOGIES LIMITED

and

(2) NORDIC SEMICONDUCTOR ASA

PATENT AND TRADEMARK ASSIGNMENT

THIS AGREEMENT is dated 31 December 2020

BETWEEN:

- (1) **IMAGINATION TECHNOLOGIES LIMITED** (Registered number: 01306335) whose registered office is at Imagination House, Home Park Estate, Kings Langley, Hertfordshire, WD4 8LZ (the "**Assignor**"); and
- (2) **NORDIC SEMICONDUCTOR ASA** (Registered number: 966011726) whose registered office is at Otto Nielsens veg 12, 7052 Trondheim, Norway ("**Assignee**") (each of the "**Assignor**" and the "**Assignee**" being a "**party**" and together the "**Assignor**" and the "**Assignee**" are the "**parties**").

BACKGROUND:

- (A) The Assignor is the owner of or applicant for the Patents and the Trademarks as defined below.
- (B) Pursuant to the Business Purchase Agreement, the Assignor has agreed to assign such Patents and Trademarks to the Assignee and the Assignee has agreed to accept the assignment in accordance with the terms of this Agreement.

IT IS AGREED:

1. DEFINITIONS AND INTERPRETATION

1.1 In this Agreement:

"Business Purchase Agreement"	means the agreement for sale and purchase of (1) the business of the Enigma Wi-Fi IP solutions business carried on by Imagination Technologies Limited and Imagination Technologies B.V. and (2) the entire issued share capital of Imagination Technologies (Hyderabad) Pvt Ltd and Imagination Technologies AB and made between the Sellers and the Assignee of even date hereto;
"Commencement Date"	means the date of this Agreement;
"Patents"	means the patents and patent applications listed in Schedule 1 to this Agreement;
"Sellers"	means (1) the Assignor, (2) Imagination Technologies Group Limited (Registered number: 02920061) whose registered office is at Imagination House, Home Park Estate, Kings Langley, Hertfordshire, WD4 8LZ; and (3) Imagination Technologies B.V. (Registered number: 34120155) whose registered office is at Kabelweg 57 Unit 1,06.05, 1014 BA, Amsterdam;
"Trademarks"	means the registered trademarks listed in Schedule 2 to this Agreement.

1.2 Interpretation

In this Agreement, unless the context otherwise requires:

- 1.2.1 references to Clauses or Schedules are to Clauses or Schedules of this Agreement;
- 1.2.2 references to persons include individuals, trusts, partnerships, unincorporated bodies, government entities, companies and/or corporations (in each case whether or not having separate legal personality);
- 1.2.3 'including' (or similar words) means including without limitation;

1.2.4 references to this Agreement or any specified Clause in this Agreement are to this Agreement or the specified Clause as in force for the time being and as amended, varied, novated or supplemented from time to time in accordance with this Agreement.

2. ASSIGNMENT

2.1 In consideration of the payments made pursuant to the Business Purchase Agreement (the receipt and sufficiency of which is hereby acknowledged by the Assignor), the Assignor hereby assigns to the Assignee all of its right, title and interest in and to the Patents and the Trademarks, including without limitation the right to claim priority therefrom, the right to apply for patent or trademark or similar protection in relation to any application in the Patents and Trademarks in any part of the world together with the right to bring, make, oppose, defend and appeal proceedings, claims or actions and obtain relief and recover damages in respect of all infringements and threatened infringements of the Patents and Trademarks, whether occurring before, on or after the date of this Agreement.

2.2 The assignment at Clause 2.1 is subject to the licence back (in the agreed form pursuant to the Business Purchase Agreement) of certain Business Intellectual Property Rights (as defined in the Business Purchase Agreement) by the Assignee to the Sellers for the purpose of the Sellers to continue meeting their obligations to customers and made on or around the date of Completion (as defined in the Business Purchase Agreement).

3. FURTHER ASSURANCE

3.1 The Assignor agrees (at the Assignee's request and expense) to use all reasonable endeavours to execute such documents and perform such acts as may reasonably be required or desired by the Assignee to give effect to this Agreement.

3.2 The Assignee shall be solely responsible for recording the change of ownership of the Patents and the Trademarks with all relevant registries and shall do so as soon as reasonably practicable following the execution of this Agreement.

4. ENTIRE AGREEMENT

4.1 The parties agree that this Agreement and any documents entered into pursuant to it and/or pursuant to the Business Purchase Agreement constitutes the entire agreement between them and supersedes all previous agreements, understandings and arrangements between them, whether in writing or oral in respect of its subject matter.

4.2 Each party acknowledges that it has not entered into this Agreement in reliance on, and shall have no remedies in respect of, any representation or warranty that is not expressly set out in this Agreement except in the case of fraudulent misrepresentation. No party shall have any claim for innocent or negligent misrepresentation on the basis of any statement in this Agreement.

5. THIRD PARTY RIGHTS

No one other than a party to this Agreement, their successors and permitted assignees shall have any right to enforce any of its provisions.

6. GOVERNING LAW

This Agreement and any dispute or claim arising out of, or in connection with, it, its subject matter or formation (including non-contractual disputes or claims) shall be governed by, and construed in accordance with, the laws of England and Wales.

7. JURISDICTION

The parties irrevocably agree that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of, or in connection with, this Agreement, its subject matter or formation (including non-contractual disputes or claims).

8. COUNTERPARTS

- 8.1 This Agreement may be signed in any number of separate counterparts, each of which when signed and dated shall be an original, and such counterparts taken together shall constitute one and the same agreement.
- 8.2 Each party may evidence their signature of this Agreement by transmitting by fax or by email a signed signature page of this Agreement in PDF format together with the final version of this Agreement in PDF or Word format, which shall constitute an original signed counterpart of this Agreement. Each party adopting this method of signing shall, following circulation by fax or by email, provide the original, hard copy signed signature page to the other parties as soon as reasonably practicable.

SCHEDULE 1
PATENTS

Patent Title	Status	Jurisdiction	Application Date	Application Number	Publication Number	Grant/Issue Date	Patent Number	Renewal Date
A CONFIGURABLE PROCESSOR ARCHITECTURE	Granted	Great Britain	15/11/2002	0226732.6	GB2395306	15/02/2006	GB2395306	14/11/2022
A CONFIGURABLE PROCESSOR ARCHITECTURE	Granted	Japan	11/11/2003	2004-552844	JP2006-506722	15/05/2009	JP4308144	11/11/2023
A SIMD PROCESSOR WITH MULTI-PORT MEMORY UNIT	Granted	Germany	04/12/2003	03782585.8	EP1570372	21/02/2007	DE60312036	04/12/2023
A SIMD PROCESSOR WITH MULTI-PORT MEMORY UNIT	Granted	France	04/12/2003	03782585.8	EP1570372	21/02/2007	EP1570372	04/12/2023
A SIMD PROCESSOR WITH MULTI-PORT MEMORY UNIT	Granted	Great Britain	05/12/2002	0228440.4	GB2396031	26/10/2005	GB2396031	04/12/2022
A SIMD PROCESSOR WITH MULTI-PORT MEMORY UNIT	Granted	United States	04/04/2006	11/397316	US2006-0259717	06/05/2008	US7370158	16/10/2023
METHOD AND APPARATUS FOR CHANNEL CHARACTERIZATION IN DIRECT SEQUENCE SPREAD SPECTRUM BASED WIRELESS COMMUNICATION SYSTEMS	Granted	United States	25/04/2003	10/423739	US7224714	29/05/2007	US7224714	05/06/2025
METHOD AND SYSTEM FOR MAXIMUM LIKELIHOOD CLOCK AND CARRIER RECOVERY IN A DIRECT SEQUENCE SPREAD	Granted	United States	25/07/2003	10/627088	US7224715	29/05/2007	US7224715	04/08/2025

SPECTRUM COMMUNICATION SYSTEM								
METHOD AND SYSTEM FOR DATA-AIDED TIMING OFFSET ESTIMATION FOR FREQUENCY SELECTIVE FADING CHANNELS	Granted	United States	15/01/2004	10/757934	US7298806	20/11/2007	US7298806	19/02/2026
MODIFIED SOFT OUTPUT VITERBI ALGORITHM FOR TRUNCATED TRELLIS	Granted	United States	30/07/2004	10/909220	US2006-0026494	22/05/2007	US7222288	07/07/2025
METHOD AND SYSTEM FOR FRAME AND FREQUENCY SYNCHRONIZATION IN PACKET-BASED ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	Granted	United States	01/12/2005	11/291316	US7693129	06/04/2010	US7693129	04/01/2029
METHOD AND SYSTEM FOR V-BLAST DETECTION WITH NEAR MAXIMUM LIKELIHOOD PERFORMANCE AND LOW COMPLEXITY	Granted	United States	08/01/2007	11/650666	US7693238	06/04/2010	US7693238	19/10/2028
HARDWARE-CENTRIC MEDIUM ACCESS CONTROL (MAC) DEVICE	Granted	United States	08/01/2007	11/651330	US2008-0165798	07/09/2010	US7792141	02/04/2028
HARDWARE-CENTRIC MEDIUM ACCESS CONTROL (MAC) DEVICE	Granted	United States	03/08/2010	12/849615	US2010-0309851	27/03/2012	US8144727	21/01/2027
PASSIVE LISTENING IN WIRELESS COMMUNICATION	Granted	United States	08/01/2007	11/651287	US2008-0165780	14/08/2012	US8243638	10/09/2027
HARDWARE-BASED PACKET ADDRESS PARSING FOR PACKET RECEPTION IN WIRELESS NETWORKS	Granted	United States	01/08/2012	13/564556	US2013-0064234	19/08/2014	US8811251	08/01/2027

CONDITIONAL ACTIVATION AND DEACTIVATION OF A MICROPROCESSOR	Granted	United States	08/01/2007	11/651272	US2008-0168189	12/09/2017	US9760146	07/09/2030
HARDWARE-BASED BEACON PROCESSING	Granted	United States	08/01/2007	11/651358	US2008-0165769	07/08/2012	US8238278	23/10/2030
HARDWARE-BASED BEACON PROCESSING	Granted	United States	02/08/2012	13/564726	US2013-0058267	08/12/2015	US9209988	25/11/2028
LOW COMPLEXITY IMPLEMENTATION OF A VITERBI DECODER WITH NEAR OPTIMAL PERFORMANCE	Granted	United States	04/04/2008	12/080597	US8009773	30/08/2011	US8009773	29/04/2030
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	China P.R.	26/10/2012	201210418444.8	CN103218329	12/04/2017	ZL201210418444.8	25/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Pending	China P.R.	14/02/2017	201710078663.9	CN107066408			
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	Germany	22/10/2012	12189414.1	EP2587384	12/07/2017	EP2587384	22/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	France	22/10/2012	12189414.1	EP2587384	12/07/2017	EP2587384	22/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	Great Britain	22/10/2012	12189414.1	EP2587384	12/07/2017	EP2587384	21/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	Japan	22/10/2012	2012-232839	JP2013093026	20/01/2017	JP6076686	22/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	Taiwan	12/10/2012	101137694	TW201333711	21/02/2017	TW1571744	11/10/2032

DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	United States	05/10/2012	13/646649	US2013-0111159	24/03/2015	US8990522	05/04/2033
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	United States	19/02/2015	14/625719	US2015-0161058	21/02/2017	US9575900	05/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Granted	United States	15/02/2017	15/433888	US2017/0160947	23/04/2019	US10268377	05/10/2032
DIGITAL SIGNAL PROCESSING DATA TRANSFER	Pending	United States	25/03/2019	16/363587	US 2019/0220199			
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	China P.R.	08/11/2012	201210444130.5	CN103218301	26/10/2016	ZL201210444130.5	07/11/2032
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	Germany	06/11/2012	12191503.7	EP2592562	18/05/2016	EP2592562	06/11/2032
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	France	06/11/2012	12191503.7	EP2592562	18/05/2016	EP2592562	06/11/2032
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	Great Britain	09/11/2011	1119327.3	GB2496396	30/07/2014	GB2496396	08/11/2031
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	Japan	08/11/2012	2012-246051	JP2013101617	29/05/2015	JP5752666	08/11/2032
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	Taiwan	12/10/2012	101137695	TW201333709	11/02/2016	TW1521352	11/10/2032
MEMORY ACCESS FOR DIGITAL SIGNAL PROCESSING	Granted	United States	31/07/2012	13/563204	US2013-0191604	13/01/2015	US8935486	26/12/2032
MEMORY ADDRESS GENERATION FOR DIGITAL	Granted	China P.R.	29/08/2013	201310384896.3	CN103677663	28/09/2016	ZL201310384896.3	28/08/2033

SIGNAL PROCESSING								
MEMORY ADDRESS GENERATION FOR DIGITAL SIGNAL PROCESSING	Granted	Great Britain	30/08/2012	1215422.5	GB2505446	13/08/2014	GB2505446	29/08/2032
MEMORY ADDRESS GENERATION FOR DIGITAL SIGNAL PROCESSING	Granted	United States	28/08/2013	14/012450	US2014-0068170	27/12/2016	US9529747	04/12/2033
MEMORY ADDRESS GENERATION FOR DIGITAL SIGNAL PROCESSING	Granted	United States	21/11/2016	15/357682	US2017-0068616	20/06/2017	US9684592	28/08/2033
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Granted	China P.R.	19/08/2014	201410407562.8	CN104426554	05/11/2019	ZL201410407562.8	18/08/2034
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Pending	China P.R.	08/10/2019	201910948700.6	CN110719111			
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Pending	Germany	14/08/2014	102014012138.0	DE102014012138			
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Granted	Great Britain	27/08/2013	1315213.7	GB2510932	21/01/2015	GB2510932	26/08/2033
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Granted	Great Britain	16/10/2014	1418342.0	GB2517850	05/08/2015	GB2517850	26/08/2033
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Granted	United States	24/07/2014	14/340497	US2015-0067440	11/12/2018	US10153781	26/07/2036
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES [NOTE: this has been incorrectly recorded by the USPTO as having been assigned to	Pending	United States	07/12/2018	16/213908	US2019/0109601			

Oracle and this will be rectified]									
AN IMPROVED DECODER FOR LOW-DENSITY PARITY-CHECK CODES	Pending	United States	24/07/2020	16/937800	US2020/0358456				
SYMBOL BOUNDARY DETECTION	Granted	Great Britain	22/10/2014	1418751.2	GB2525459	11/01/2017	GB2525459	21/10/2034	
SYMBOL BOUNDARY DETECTION	Granted	United States	22/10/2015	14/920256	US2016-0119116	29/08/2017	US9749124	05/11/2035	
LOW COMPLEXITY SOFT OUTPUT MIMO DECODER	Granted	China P.R.	28/08/2014	201410432260.6	CN104426822	07/05/2019	ZL201410432260.6	27/08/2034	
LOW COMPLEXITY SOFT OUTPUT MIMO DECODER	Pending	Germany	14/08/2014	102014012156.9	DE102014012156				
LOW COMPLEXITY SOFT OUTPUT MIMO DECODER	Granted	Great Britain	29/08/2013	1315410.9	GB2511370	08/07/2015	GB2511370	28/08/2033	
LOW COMPLEXITY SOFT OUTPUT MIMO DECODER	Granted	United States	18/08/2014	14/461628	US2015-0063483	22/03/2016	US9294173	18/08/2034	
LOW COMPLEXITY SOFT OUTPUT MIMO DECODER	Granted	United States	09/02/2016	15/019651	US2016-0164582	27/09/2016	US9455774	18/08/2034	
SYNCHRONIZATION OF A RECEIVER TO A DESIRED SIGNAL	Granted	United States	13/08/2011	13/209376	US2013-0039404	23/09/2014	US8842791	15/04/2032	
RECEIVER CHAIN GAIN SELECTION	Granted	United States	14/12/2011	13/326248	US2013-0156140	27/05/2014	US8737545	22/08/2032	
RECEIVE SIGNAL DETECTION OF MULTI-CARRIER SIGNALS	Granted	United States	16/03/2012	13/423113	US2013-0243062	08/04/2014	US8693561	06/07/2032	
CARRIER OFFSET CORRECTION OF A RECEIVED SIGNAL	Granted	United States	06/07/2012	13/543481	US2014-0010326	27/01/2015	US8942317	15/04/2033	
TEMPERATURE COMPENSATED CARRIER OFFSET CORRECTION OF A	Granted	United States	18/12/2014	14/574967	US2015-0103965	21/07/2015	US9088391	06/07/2032	

RECEIVED SIGNAL								
COUNTER BASED FAIRNESS SCHEDULING FOR QOS QUEUES TO PREVENT STARVATION	Granted	United States	22/07/2012	13/555151	US2014-0022902	17/03/2015	US8982901	26/01/2033
COUNTER BASED FAIRNESS SCHEDULING FOR QOS QUEUES TO PREVENT STARVATION	Granted	United States	17/03/2015	14/660031	US2015-0222552	11/07/2017	US9705806	09/09/2032
REORDERING OF A BEAMFORMING MATRIX	Pending	China P.R.	03/04/2015	201510157655.4	CN104980201			
REORDERING OF A BEAMFORMING MATRIX	Pending	Germany	24/03/2015	102015104418.8	DE102015104418			
REORDERING OF A BEAMFORMING MATRIX	Granted	Great Britain	16/03/2015	1504416.7	GB2525090	15/08/2018	GB2525090	15/03/2035
REORDERING OF A BEAMFORMING MATRIX	Granted	Great Britain	16/03/2015	1504417.5	GB2525091	04/07/2018	GB2525091	15/03/2035
REORDERING OF A BEAMFORMING MATRIX	Granted	Great Britain	16/05/2018	1807941.8	GB2560657	12/12/2018	GB2560657	15/03/2035
REORDERING OF A BEAMFORMING MATRIX	Granted	Great Britain	16/05/2018	1807940.0	GB2560461	12/12/2018	GB2560461	15/03/2035
REORDERING OF A BEAMFORMING MATRIX	Granted	Great Britain	16/05/2018	1807939.2	GB2560656	19/12/2018	GB2560656	15/03/2035
REORDERING OF A BEAMFORMING MATRIX	Granted	Great Britain	16/05/2018	1807937.6	GB2560655	19/12/2018	GB2560655	15/03/2035
REORDERING OF A BEAMFORMING MATRIX	Pending	India	04/04/2015	960/DEL/2015	23/2016			
REORDERING OF A BEAMFORMING MATRIX	Granted	United States	03/09/2014	14/476522	US2015-0288436	08/03/2016	US9281884	03/09/2034
REORDERING OF A BEAMFORMING MATRIX	Granted	United States	03/09/2014	14/476550	US2015-0288437	08/03/2016	US9281885	03/09/2034

JUST IN TIME PACKET BODY PROVISION FOR WIRELESS TRANSMISSION	Pending	China P.R.	31/07/2015	201510463496.0	CN105307207			
JUST IN TIME PACKET BODY PROVISION FOR WIRELESS TRANSMISSION	Granted	China P.R.	31/07/2015	201520569047.X		24/02/2016	ZL201520569047.X	30/07/2025
JUST IN TIME PACKET BODY PROVISION FOR WIRELESS TRANSMISSION	Pending	Germany	24/07/2015	102015112084.4	DE102015112084			
JUST IN TIME PACKET BODY PROVISION FOR WIRELESS TRANSMISSION	Granted	Great Britain	30/07/2015	1513466.1	GB2530870	11/10/2017	GB2530870	29/07/2035
JUST IN TIME PACKET BODY PROVISION FOR WIRELESS TRANSMISSION	Granted	United States	31/07/2014	14/448120	US2016-0037382	21/03/2017	US9603052	18/09/2034
JUST IN TIME PACKET BODY PROVISION FOR WIRELESS TRANSMISSION	Granted	United States	04/02/2017	15/424814	US2017-0150397	21/08/2018	US10057807	31/07/2034
ENCRYPTION KEY UPDATES IN WIRELESS COMMUNICATION SYSTEMS	Granted	Great Britain	16/07/2015	1512477.9	GB2530851	28/09/2016	GB2530851	15/07/2035
ENCRYPTION KEY UPDATES IN WIRELESS COMMUNICATION SYSTEMS	Granted	United States	21/07/2014	14/336976	US2016-0021066	10/01/2017	US9544767	21/07/2034
ENCRYPTION KEY UPDATES IN WIRELESS COMMUNICATION SYSTEMS	Granted	United States	02/12/2016	15/368001	US2017-0078290	21/04/2020	US10630683	03/07/2035
ENCRYPTION KEY UPDATES IN WIRELESS COMMUNICATION SYSTEMS	Pending	United States	16/03/2020	16/819712				

EFFICIENT CALLING OF FUNCTIONS ON A PROCESSOR	Granted	Great Britain	18/03/2014	1404822.7	GB2523205	02/03/2016	GB2523205	17/03/2034
EFFICIENT CALLING OF FUNCTIONS ON A PROCESSOR	Granted	United States	18/03/2015	14/661376	US2015-0268960	07/01/2020	US10528365	22/08/2037
EFFICIENT CALLING OF FUNCTIONS ON A PROCESSOR	Pending	United States	09/12/2019	16/706905	US 2020/0117475			
PRIORITISING EVENTS TO WHICH A PROCESSOR IS TO RESPOND	Granted	China P.R.	24/03/2015	201510130621.6	CN104951365	14/11/2017	ZL201510130621.6	23/03/2035
PRIORITISING EVENTS TO WHICH A PROCESSOR IS TO RESPOND	Granted	Germany	25/03/2015	102015104460.9	DE102015104460.9	17/10/2019	DE102015104460	25/03/2035
PRIORITISING EVENTS TO WHICH A PROCESSOR IS TO RESPOND	Granted	Great Britain	21/01/2015	1501024.2	GB2524622	30/03/2016	GB2524622	20/01/2035
PRIORITISING EVENTS TO WHICH A PROCESSOR IS TO RESPOND	Granted	United States	25/03/2015	14/667755	US2015-0277998	22/03/2016	US9292365	25/03/2035
A MODULAR RADIO TRANSCEIVER	Granted	Great Britain	17/06/2014	1410778.3	GB2518930	07/10/2015	GB2518930	16/06/2034
MODULAR RADIO TRANSCEIVER	Granted	United States	26/09/2014	14/497350	US2015-0092823	11/04/2017	US9622293	14/10/2034
EFFICIENT LOADING AND STORING OF DATA	Pending	China P.R.	06/09/2015	201510561012.6	CN105404588			
EFFICIENT LOADING AND STORING OF DATA	Pending	Germany	07/09/2015	102015114969.9	DE102015114969			
EFFICIENT LOADING AND STORING OF DATA	Granted	Great Britain	08/09/2014	1415817.4	GB2529892	12/04/2017	GB2529892	07/09/2034
EFFICIENT LOADING AND STORING OF DATA	Granted	United States	08/09/2015	14/847681	US2016-0070505	13/03/2018	US9916108	31/01/2036

CONTROLLING DATA FLOW BETWEEN PROCESSORS IN A PROCESSING SYSTEM	Pending	China P.R.	23/03/2016	201610170137.0	CN106021175			
CONTROLLING DATA FLOW BETWEEN PROCESSORS IN A PROCESSING SYSTEM	Pending	European Patent Convention	15/03/2016	16160319.6	EP3073387			
CONTROLLING DATA FLOW BETWEEN PROCESSORS IN A PROCESSING SYSTEM	Granted	Great Britain	24/03/2015	1504979.4	GB2536658	22/03/2017	GB2536658	23/03/2035
CONTROLLING DATA FLOW BETWEEN PROCESSORS IN A PROCESSING SYSTEM	Granted	United States	24/03/2016	15/079269	US2016-0283235	20/08/2019	US10387155	08/07/2037
SIMD PROCESSING MODULE	Pending	China P.R.	24/03/2016	201610176658.7	CN106020776			
SIMD PROCESSING MODULE	Pending	European Patent Convention	15/03/2016	16160320.4	EP3089027			
SIMD PROCESSING MODULE	Granted	Great Britain	25/03/2015	1505053.7	GB2536069	30/08/2017	GB2536069	24/03/2035
SIMD PROCESSING MODULE	Pending	United States	25/03/2016	15/081007	US2016-0283439			
LOGGING EVENTS WITH TIMESTAMPS	Pending	China P.R.	23/03/2016	201610170236.9	CN106021058			
LOGGING EVENTS WITH TIMESTAMPS	Granted	Germany	15/03/2016	16160332.9	EP3098733	15/01/2020	EP3098733	15/03/2036
LOGGING EVENTS WITH TIMESTAMPS	Granted	France	15/03/2016	16160332.9	EP3098733	15/01/2020	EP3098733	15/03/2036
LOGGING EVENTS WITH TIMESTAMPS	Granted	Great Britain	24/03/2015	1504975.2	GB2536655	20/09/2017	GB2536655	23/03/2035
LOGGING EVENTS WITH TIMESTAMPS	Granted	United States	24/03/2016	15/079580	US2016-0283312	09/04/2019	US10255161	21/06/2036
SELECTIVE SUB-CARRIER PROCESSING	Pending	China P.R.	16/05/2016	201610322886.0	CN106161325			

SELECTIVE SUB-CARRIER PROCESSING	Granted	Germany	31/03/2016	16163449.8	EP3096482	05/12/2018	EP3096482	31/03/2036
SELECTIVE SUB-CARRIER PROCESSING	Pending	European Patent Convention	19/10/2018	18201640.2	EP3457605			
SELECTIVE SUB-CARRIER PROCESSING	Granted	France	31/03/2016	16163449.8	EP3096482	05/12/2018	EP3096482	31/03/2036
SELECTIVE SUB-CARRIER PROCESSING	Granted	Great Britain	31/03/2016	1605520.4	GB2540837	04/12/2019	GB2540837	30/03/2036
SELECTIVE SUB-CARRIER PROCESSING	Granted	Great Britain	31/03/2016	16163449.8	EP3096482	05/12/2018	EP3096482	30/03/2036
SELECTIVE SUB-CARRIER PROCESSING	Granted	Great Britain	15/08/2019	1911677.1	GB2573934	06/05/2020	GB2573934	30/03/2036
SELECTIVE SUB-CARRIER PROCESSING	Granted	United States	17/05/2015	14/714312	US2016-0337096	31/10/2017	US9806871	28/07/2035
RECEIVER DEACTIVATION BASED ON DYNAMIC MEASUREMENTS	Pending	China P.R.	10/02/2017	201710191018.8	CN107070471			
RECEIVER DEACTIVATION BASED ON DYNAMIC MEASUREMENTS	Pending	European Patent Convention	31/01/2017	17154047.9	EP3206323			
RECEIVER DEACTIVATION BASED ON DYNAMIC MEASUREMENTS	Granted	United States	11/02/2016	15/041316	US2017-0238255	19/12/2017	US9848384	14/02/2036
INTELLIGENT POWER SAVING	Pending	China P.R.	01/12/2016	201611093044.9	CN106851794			
INTELLIGENT POWER SAVING	Granted	Germany	25/11/2016	16200758.7	EP3177079	01/05/2019	EP3177079	25/11/2036
INTELLIGENT POWER SAVING	Pending	European Patent Convention	27/03/2019	19165577.8	EP3522616			
INTELLIGENT POWER SAVING	Granted	France	25/11/2016	16200758.7	EP3177079	01/05/2019	EP3177079	25/11/2036

INTELLIGENT POWER SAVING	Granted	Great Britain	04/12/2015	1521461.2	GB2545024	02/01/2019	GB2545024	03/12/2035
INTELLIGENT POWER SAVING	Pending	United States	05/12/2016	15/368809	US2017/0164285			
CONFIGURABLE FFT ARCHITECTURE	Granted	Great Britain	09/12/2015	1521656.7	GB2545210.	29/07/2020	GB2545210	08/12/2035
CONFIGURABLE FFT ARCHITECTURE	Granted	United States	08/12/2016	15/372881	US2017/0168989	01/01/2019	US10169294	08/12/2036
CONFIGURABLE FFT ARCHITECTURE	Granted	United States	31/12/2018	16/236872	US2019/0243868	03/12/2019	US10496728	08/12/2036
CONFIGURABLE FFT ARCHITECTURE	Pending	United States	30/10/2019	16/669277	US2020/0142947			
BUILD-TIME MEMORY MANAGEMENT FOR MULTI-CORE EMBEDDED SYSTEM	Granted	Great Britain	13/09/2016	1615562.4	GB2554349	18/09/2018	GB2554349	12/09/2036
BUILD-TIME MEMORY MANAGEMENT FOR MULTI-CORE EMBEDDED SYSTEM	Granted	United States	13/09/2017	15/702877	US2018/0074835	16/07/2019	US10353717	13/09/2037
DIRECTED PLACEMENT OF DATA IN MEMORY	Granted	Great Britain	28/04/2016	1607448.6	GB2549775	17/04/2018	GB2549775	27/04/2036
DIRECTED PLACEMENT OF DATA IN MEMORY	Granted	United States	27/04/2017	15/498689	US2017/0315755	01/01/2019	US10168957	23/06/2037
METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM	Pending	China P.R.	28/04/2017	201710291010.9	CN107402831			
METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM	Pending	European Patent Convention	25/04/2017	17168092.9	EP3239837			
METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM	Granted	Great Britain	28/04/2016	1607441.1	GB2549774	12/03/2019	GB2549774	27/04/2036
METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM	Pending	Great Britain	21/02/2019	1902358.9	GB2573041			

DRIVEN SYSTEM									
METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM	Granted	United States	26/04/2017	15/498149	US2017/0315816	02/07/2019	US10338929	06/07/2037	
METHOD FOR HANDLING EXCEPTIONS IN EXCEPTION-DRIVEN SYSTEM	Pending	United States	23/04/2019	16/392408	US2019/0250923				
STRING LOGGING IN AN EMBEDDED SYSTEM	Pending	Great Britain	16/08/2016	1614035.2	GB2552974				
STRING LOGGING IN AN EMBEDDED SYSTEM	Pending	United States	15/08/2017	15/677939	US2018/0052669				
METHOD AND SYSTEM FOR OPTIMIZING DATA TRANSFER FROM ONE MEMORY TO ANOTHER MEMORY	Pending	Great Britain	25/03/2020	2004348.5					
METHOD AND SYSTEM FOR OPTIMIZING DATA TRANSFER FROM ONE MEMORY TO ANOTHER MEMORY	Pending	Great Britain	25/03/2020	2004349.3					
METHOD AND SYSTEM FOR ENABLING COMMUNICATION BETWEEN MULTIPLE VIRTUAL PLATFORMS	Pending	Great Britain	25/11/2020	2018547.6					

SCHEDULE 2
TRADEMARKS

Trademark	Country	Status	Registration No	Next Renewal Date	Class
ENSIGMA	European Union	Granted	12273496	01 November 2023	9, 42
EXPLORER	Hong Kong	Granted	303069126	15 July 2024	9
EXPLORER	Taiwan, Province of China	Granted	1712078	15 June 2025	9

AGREED by the parties through their duly authorised representatives on the Commencement Date.

SIGNED by
a duly authorised officer
for and on behalf of
IMAGINATION TECHNOLOGIES LIMITED
in the presence of:

DocuSigned by:
Mark Logan
41E2B0C6469F49E...

Signature of Witness: Janet Logan

Name of Witness: Janet Logan


Address: 61 Southcote Way, Tylers Green, Bucks HP10 8JS

Occupation: Housewife

I confirm that I was physically present while signing. x

SIGNED by
a duly authorised officer
for and on behalf of
NORDIC SEMICONDUCTOR ASA
in the presence of:

DocuSigned by:
Svenn-Tore Larsen
11EB83785D9C481...

Signature of Witness:  DocuSigned by:
Pål Elstad
BF0C4640F1B2425...

Name of Witness: Pål Elstad

Address: Tjernsrudveien 7b, 1358 Jar, Norway

Occupation: CFO

I confirm that I was physically present while signing. X