

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
PULSE FINLAND OY	05/29/2009
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	270 Park Avenue
City:	New York
State/Country:	NEW YORK
Postal Code:	10017
PROPERTY NUMBERS Total: 19	
Property Type	Number
Patent Number:	6759989
Patent Number:	6882317
Patent Number:	7391378
Patent Number:	6937196
Patent Number:	6963308
Patent Number:	7340286
Patent Number:	6366243
Patent Number:	6252552
Patent Number:	6346914
Patent Number:	6538604
Application Number:	11648431
Application Number:	11648429
Application Number:	12083129
Application Number:	11989451
Application Number:	11603511

OP \$760.00 6759989

500875272

PATENT
REEL: 022764 FRAME: 0672

Application Number:	12082882
Application Number:	11901611
Application Number:	11544173
Application Number:	12009009

CORRESPONDENCE DATA

Fax Number: (866)826-5420

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 301-638-0511

Email: ipresearchplus@comcast.net

Correspondent Name: IP Research Plus, Inc.

Address Line 1: 21 Tadcaster Circle

Address Line 2: attn: Penelope J.A. Agodoa

Address Line 4: Waldorf, MARYLAND 20602

ATTORNEY DOCKET NUMBER:	CRS1 6-2-2009
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NAME OF SUBMITTER:	Penelope J.A. Agodoa
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Total Attachments: 6

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PLEDGE AGREEMENT

THIS PLEDGE AGREEMENT (the "*Pledge Agreement*") is made on the 29 May 2009

BY:

- (1) **PULSE FINLAND OY**, a limited liability company duly incorporated in Finland, with the business identity code 1933992-8, and whose registered address is at Takatie 6, FI-90440 Kempele, Finland (the "**Pledgor**").

IN FAVOUR OF:

- (2) **JPMORGAN CHASE BANK, N.A.**, for itself and as agent for each of the Secured Parties (the "**Administrative Agent**").

1. PLEDGE UNDERTAKING

- 1.1 For the purpose of constituting security for the payment or performance, as the case may be, in full of the Secured Obligations, the Pledgor hereby unconditionally and irrevocably pledges as a first priority pledge on regular commercial basis and motivated by business reasons all rights, title, surrogates, whatever kind or nature, intangibles consisting of rights to payment, and for the avoidance of doubt including but not limited to indemnities and damages, as the case may be, and as generated by the Security Assets, the details of which are set out in **Annex A** to this Pledge Agreement, to the Secured Parties represented by the Administrative Agent.
- 1.2 All capitalised terms used in this Pledge Agreement that are not defined herein shall have the meanings given therefor pursuant to the above referenced Pledge Agreement or the Credit Agreement.

2. AUTHORISATION GRANTED TO THE ADMINISTRATIVE AGENT

Each of the Lenders and the L/C Issuers have appointed the Administrative Agent to act as the Administrative Agent under the Credit Agreement and under the other Loan Documents and have authorized the Administrative Agent to take such actions on its behalf and to exercise such powers as are delegated to the Administrative Agent by the terms of the Loan Documents, together with such actions and powers as are reasonably incidental thereto.

3. TERMS AND CONDITIONS OF THE PLEDGE AGREEMENT

Additional terms and conditions relating to the rights of pledge created hereunder and not included in this Pledge Agreement are incorporated in the Pledge Agreement, and it is agreed and understood that the pledge created hereunder shall be subject to all such additional terms and conditions of the Pledge Agreement.

4. REGISTRATION OF THE PLEDGE

- 4.1 The Pledgor and the Administrative Agent have agreed that the pledge created pursuant to this Pledge Agreement will be registered with the Patent Office. The Administrative Agent will apply for the registration of the pledge created pursuant to this Pledge Agreement.

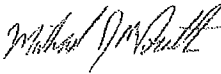
- 4.2 THE PLEDGOR and THE ADMINISTRATIVE AGENT (for itself and as agent for each of the Secured Parties) hereby authorize Attorney-at-Law Tero Tuomisto, LLM Mikko Heinonen and LLM Jonne Järvi of Castrén & Snellman Attorneys Ltd., each severally, or the person appointed by any of them from time to time to register the pledge in favor of THE ADMINISTRATIVE AGENT (for itself and as agent for each of the Secured Parties) over the Security Assets, the details of which are set out in Annex A to this Pledge Agreement with the particulars in the attached register extracts dated on the date hereof, and which is held by THE PLEDGOR.

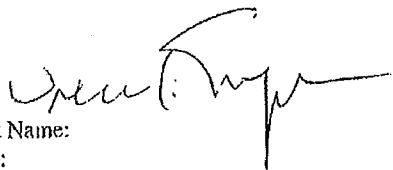
5. JURISDICTION

- 5.1 This Pledge Agreement shall be governed by and construed in accordance with the laws of Finland.
- 5.2 Any disputes, which may arise out of or in connection with this Pledge Agreement (including a dispute regarding the existence, validity or termination of this Pledge Agreement), shall be settled in the Helsinki District Court (in Finnish "*Helsingin käräjäoikeus*").

IN WITNESS WHEREOF, this deed has been executed by the Pledgor and is intended to be and is hereby delivered on the date specified above.

PULSE FINLAND OY (as Pledgor)

By: 
Print Name:
Title:
(Authorized Signatory)

By: 
Print Name:
Title:
(Authorized Signatory)

JPMORGAN CHASE BANK, N.A. (as Administrative Agent for and on behalf of itself and each of the Secured Parties)

By:
Print Name:
Title:
(Authorized Signatory)

By:
Print Name:
Title:
(Authorized Signatory)

EXECUTION COPY

- 4.2 THE PLEDGOR and THE ADMINISTRATIVE AGENT (for itself and as agent for each of the Secured Parties) hereby authorize Attorney-at-Law Tero Tuomisto, LLM Mikko Heinonen and LLM Jonne Järvi of Castrén & Snellman Attorneys Ltd., each severally, or the person appointed by any of them from time to time to register the pledge in favor of THE ADMINISTRATIVE AGENT (for itself and as agent for each of the Secured Parties) over the Security Assets, the details of which are set out in Annex A to this Pledge Agreement with the particulars in the attached register extracts dated on the date hereof, and which is held by THE PLEDGOR.

5. JURISDICTION

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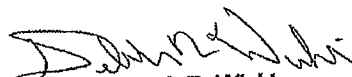
PULSE FINLAND OY (as Pledgor)

By:
Print Name:
Title:
(Authorized Signatory)

By:
Print Name:
Title:
(Authorized Signatory)

JPMORGAN CHASE BANK, N.A. (as Administrative Agent for and on behalf of itself and each of the Secured Parties)

By:
Print Name:
Title:
(Authorized Signatory)


Deborah R. Winkler
Vice President

By:
Print Name:
Title:
(Authorized Signatory)


Leo P. Brennan
Sovereign Vice President

ANNEX A

Patents registered in the United States of America							
	Country	Appl. No.	Filing Date	Patent No.	Grant Date	Expiry Date	Proprietor
Internal multiband antenna	US			6759989	6.7.2004	18.10.2022	Pulse Finland Oy
Dual antenna and radio device	US			6882317	19.4.2005	27.11.2022	Pulse Finland Oy
Antenna element	US			7,391,378	24.6.2008	16.4.2025 (+464)	Pulse Finland Oy
Chip antenna	US	11/648,431	16.3.2005				Pulse Finland Oy
Internal multiband antenna	US			6937196	30.8.2005	7.1.2024	Pulse Finland Oy
Multiband antenna	US			6963308	8.11.2005	31.1.2024	Pulse Finland Oy
Cover structure for a radio device	US			7,340,286	4.3.2008	15.11.2024 (+62 days)	Pulse Finland Oy
Antenna component	US	11/648,429	28.6.2005				Pulse Finland Oy
Multiband antennasystem	US	12/083,129	20.9.2006				Pulse Finland Oy
Adjustable multi-band antenna	US	11/989,451	13.7.2006				Pulse Finland Oy
Multiband antenna component	US	11/603,511	22.11.2006				Pulse Finland Oy
Adjustable antenna	US	12/082,882	28.9.2006				Pulse Finland Oy
Antenna component	US	11/901611	8.11.2005				Pulse Finland Oy
Multi-band antenna with a common resonant feed structure and methods	US	11/544,173	5.10.2006				Pulse Finland Oy

Dual antenna	US	12/009009	15.1.2008			Pulse Finland Oy
Planar antenna with two resonating frequencies	US			6366243	2.4.2002	Pulse Finland Oy
Planar dual-frequency antenna and radio apparatus employing a planar antenna	US			6252552	26.6.2001	Pulse Finland Oy
Planar antenna structure	US			6346914	12.2.2002	Pulse Finland Oy
Planar antenna	US			6538604	25.3.2003	Pulse Finland Oy

Trademarks	Country	Registration No.	Registration Date	Valid until
"LK Products"	US	3,194,647	9.6.2005	till not renewed
"LK" figure	US	3,202,348	7.11.2006	till not renewed