

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2809059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HELLOSOFT, INC.	03/04/2014

RECEIVING PARTY DATA

Name:	IMAGINATION TECHNOLOGIES, LIMITED
Street Address:	IMAGINATION HOUSE
Internal Address:	HOME PARK ESTATE
City:	KINGS LANGLEY
State/Country:	UNITED KINGDOM
Postal Code:	WD4 8LZ

PROPERTY NUMBERS Total: 24

Property Type	Number
Patent Number:	7693129
Patent Number:	7693238
Patent Number:	8345860
Patent Number:	7224714
Patent Number:	7155656
Patent Number:	7224715
Patent Number:	7298806
Application Number:	10833441
Patent Number:	7254200
Patent Number:	7492839
Patent Number:	7222288
Application Number:	11482648
Application Number:	11482647
Patent Number:	7792141
Patent Number:	8144727
Patent Number:	8243638
Application Number:	13564556
Application Number:	11651272
Patent Number:	8238278
Patent Number:	8009773

PATENT

Property Type	Number
Application Number:	13564726
Application Number:	13710473
Application Number:	61697682
Application Number:	14017860

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-203-2803

Email: mike.garrabrants@imgtec.com

Correspondent Name: MICHAEL S. GARRABRANTS

Address Line 1: 955 EAST ARQUES AV.

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	HSFTINCTOIMGLTD
NAME OF SUBMITTER:	MICHAEL S. GARRABRANTS
SIGNATURE:	/michael s. garrabrants/
DATE SIGNED:	04/10/2014

Total Attachments: 7

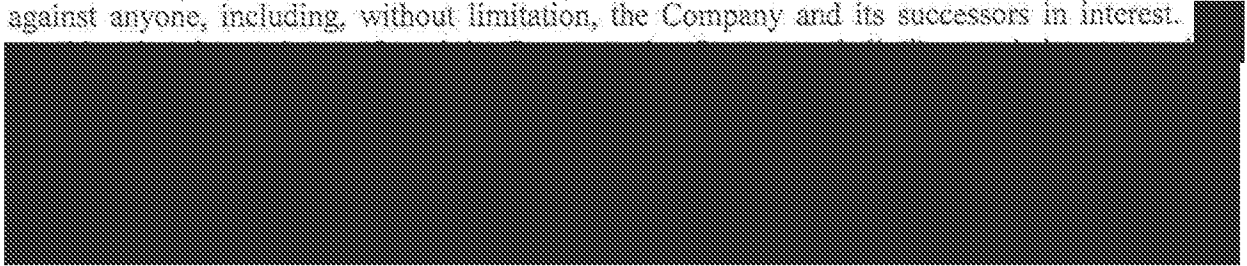
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INTELLECTUAL PROPERTY RIGHTS ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY RIGHTS ASSIGNMENT AGREEMENT (this "*Agreement*") is entered into as of March 4, 2014 ("*Effective Date*"), by and between Hellosoft, Inc., a Delaware corporation (the "*Assignor*") and Imagination Technologies Limited, a company registered in England and Wales with number 013066335 (the "*Company*"). The parties hereto agree as follows:

AGREEMENT

1. The Assignor hereby irrevocably assigns, sells, transfers and conveys to the Company any right, title and interest, on a worldwide basis, to the technology described on Schedule 1 attached hereto and all applicable intellectual property rights, on a worldwide basis, related thereto, including, without limitation, all reissues, divisionals, continuations, continuations-in-part, revisions, re-examinations, extensions, and counterparts (whether foreign or domestic) claiming priority to or based on any of the foregoing items, together with all patents issuing therefrom, all inventions and improvements claimed or described in any of the foregoing, all rights under the International Convention for the Protection of Industrial Property, including the right to claim priority, copyrights, trademarks, trade secrets, patents, patent applications, moral rights, contract and licensing rights (the "*Property*"). To the extent any of the rights, title and interest to the Property therein cannot be assigned by the Assignor to the Company, the Assignor hereby grants to the Company an exclusive (even as to the Assignor), royalty-free, transferable, irrevocable, worldwide license (with rights to sublicense through multiple tiers of sublicensees) to practice such non-assignable rights, title and interest. To the extent any of the rights, title and interest to the Property therein cannot be assigned by the Assignor to the Company nor licensed, the Assignor hereby irrevocably waives and agrees never to assert without Company's consent such non-assignable and non-licensable rights, title and interest against anyone, including, without limitation, the Company and its successors in interest.



2. Upon each request by the Company, without additional consideration, the Assignor agrees to promptly execute documents, testify and take other acts at the Company's expense as the Company may deem necessary or desirable to procure, maintain, perfect, and enforce the full benefits, enjoyment, rights, title and interest, on a worldwide basis of the Property assigned hereunder, and render all necessary assistance in making application for and obtaining original, divisional, renewal, extended, re-examined or reissued utility and design patents, copyrights, mask works, trademarks, trade secrets, and all other technology and intellectual property rights throughout the world related to any of the Property, in the Company's name and for its benefit. In the event the Company is unable for any reason, after reasonable effort, to secure the Assignor's signature on any document needed in connection with the actions specified herein, the Assignor hereby irrevocably designates and appoints the Company and its duly authorized officers and agents as its agent and attorney in fact, which appointment is

coupled with an interest, to act for and in its behalf to execute, verify and file any such documents and to do all other lawfully permitted acts to further the purposes of this paragraph with the same legal force and effect as if executed by the Assignor. The Assignor hereby waives and quitclaims to the Company any and all claims, of any nature whatsoever, which the Assignor now or may hereafter have for infringement of any Property assigned hereunder, and the right to collect damages for such infringement.

3. The Assignor further agrees to deliver to the Company upon execution of this Agreement any and all tangible manifestations of the Property, including, without limitation, all notes, records, files and tangible items of any sort in its possession or under its control relating to the Property. Such delivery shall include all present and predecessor versions. In addition, the Assignor agrees to provide to the Company from and after the execution of this Agreement and at the expense of the Company competent and knowledgeable assistance to facilitate the transfer of all information, know-how, techniques, processes and the like related to such tangible manifestation and otherwise comprising the intangible aspects of the Property.

4. This Agreement and the Schedules attached hereto constitute the entire, complete, final and exclusive understanding and agreement of the parties hereto with respect to the subject matter hereof, and supersedes any other prior or contemporaneous oral understanding or agreement or any other prior written agreement. No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in writing and signed by the parties hereto.

5. This Agreement shall be governed by and construed in accordance with the internal laws of the State of Delaware regardless of the laws that might otherwise govern under principles of conflict of laws applicable thereto. The Assignor hereby expressly consents to the personal jurisdiction of the state and federal courts located in the jurisdiction where the principal place of business of the Company is located for any lawsuit filed there against the Assignor by the Company arising from or related to this Agreement.

6. If any provision of this Agreement is found invalid or unenforceable, in whole or in part, the remaining provisions and partially enforceable provisions will, nevertheless, be binding and enforceable.

7. Failure by either party to exercise any of its rights hereunder shall not constitute or be deemed a waiver or forfeiture of such rights.


8. The provisions hereof shall inure to the benefit of, and be binding upon, the successors, assigns, heirs, executors and administrators of the parties hereto.

9. This Agreement may be executed in counterparts, each of which shall constitute an original but together which shall constitute one instrument.

IN WITNESS WHEREOF, the Company and the Assignor have executed this INTELLECTUAL PROPERTY RIGHTS ASSIGNMENT AGREEMENT effective on and as of the Effective Date.

"ASSIGNOR"

HELLOSOFT, INC.

Signed: 

Name: Richard Smith
Title: Chief Financial Officer

"COMPANY"

IMAGINATION TECHNOLOGIES LIMITED

By: 

Name: Richard Smith
Title: Chief Financial Officer

Schedule 1

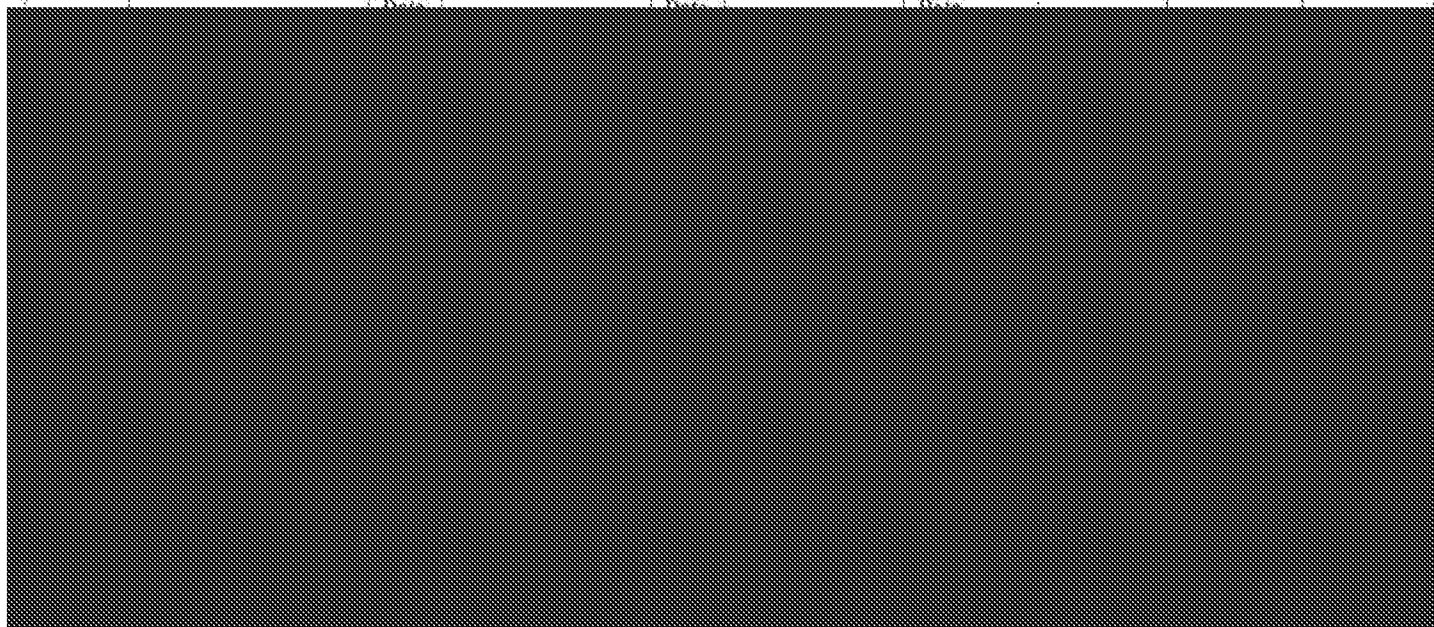
DESCRIPTION OF PROPERTY

- I. All licenses and other contractual rights of the Assignor relating to Property.
- II. All patents and patent applications of the Assignor, including:

Country	Official Title	App. Date	App. No.	Pub. Date	Pub. No.	Issue/Grant Date	Patent No.	Status	IMG Ref.
US	METHOD AND APPARATUS FOR CHANNEL CHARACTERIZATION IN DIRECT SEQUENCE SPREAD SPECTRUM BASED WIRELESS COMMUNICATION SYSTEMS	25-Apr-03	10/423739	29-May-07	US7224714	29-May-07	US7224714	Granted	10055.US1
US	METHOD AND SYSTEM FOR DECODING OF BINARY SHORTENED CYCLIC CODE	01-May-03	10/427538	26-Dec-06	US7155656	26-Dec-06	US7155656	Granted	10057.US1
US	METHOD AND SYSTEM FOR MAXIMUM LIKELIHOOD CLOCK AND CARRIER RECOVERY IN A DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATION SYSTEM	25-Jul-03	10/627088	29-May-07	US7224715	29-May-07	US7224715	Granted	10062.US1
US	METHOD AND SYSTEM FOR DATA-AIDED TIMING OFFSET ESTIMATION FOR FREQUENCY SELECTIVE FADING CHANNELS	15-Jan-04	10/757934	20-Nov-07	US7298806	20-Nov-07	US7298806	Granted	10066.US1
US	METHOD AND APPARATUS FOR IMPROVING MLSE IN THE PRESENCE OF CO-CHANNEL INTERFERER FOR GSM/GPRS SYSTEMS	26-Apr-04	10/833441	10-Nov-05	US2005-0250466			Inactive, Abandoned	10073.US1
WO	METHOD AND APPARATUS FOR IMPROVING MLSE IN THE PRESENCE OF CO-CHANNEL INTERFERER FOR GSM/GPRS SYSTEMS	23-Apr-05	PCT/US2005/013986	10-Nov-05	WO/2005/107084			Inactive, Expired	10073.WO1
US	SYSTEM AND METHOD FOR FREQUENCY BURST DETECTION FOR GSM/GPRS	13-May-04	10/844766	17-Nov-05	US2005-0254609	07-Aug-07	US7254200	Granted	10074.US1
WO	SYSTEM AND METHOD FOR FREQUENCY BURST DETECTION FOR	12-May-05	PCT/US2005/016725	01-Dec-05	WO/2005/114862			Inactive, Expired	10074.WO1

Country	Official Title	App. Date	App. No.	Pub. Date	Pub. No.	Issue/Grant Date	Patent No.	Status	IMG Ref.
	GSM/GPRS								
US	EFFICIENT IMPLEMENTATION OF GSM/GPRS EQUALIZER	30-Jul-04	10/909232	02-Feb-06	US2006-0023814	17-Feb-09	US7492839	Granted	10078.US1
WO	EFFICIENT IMPLEMENTATION OF GSM/GPRS EQUALIZER	29-Jul-05	PCT/IB2005/004039	08-Sep-06	WO/2006/092662			Inactive, Expired	10078.WO1
US	MODIFIED SOFT OUTPUT VITERBI ALGORITHM FOR TRUNCATED TRELLIS	30-Jul-04	10/909220	02-Feb-06	US2006-0026494	22-May-07	US7222288	Granted	10079.US1
WO	MODIFIED SOFT OUTPUT VITERBI ALGORITHM FOR TRUNCATED TRELLIS	29-Jul-05	PCT/US2005/027046	09-Feb-06	WO/2006/015243			Inactive, Expired	10079.WO1
US	METHOD AND SYSTEM FOR FRAME AND FREQUENCY SYNCHRONIZATION IN PACKET-BASED ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING	01-Dec-05	11/291316	06-Apr-10	US7693129	06-Apr-10	US7693129	Granted	10101.US1
US	VOICE COMMUNICATION DEVICE FOR PROVIDING VOICE OVER WIRELESS LOCAL AREA NETWORK (VOWLAN) COMMUNICATION USING A SINGLE MICROPROCESSOR	07-Jul-06	11/482648	10-Jan-08	US2008-0008142			Inactive, Abandoned	10118.US1
US	VOICE COMMUNICATION DEVICE FOR PROVIDING CELLULAR AND VOICE OVER WIRELESS LOCAL AREA NETWORK (VOWLAN) COMMUNICATION USING A SINGLE MICROPROCESSOR	07-Jul-06	11/482647	10-Jan-08	US2008-0008161			Pending, Published	10119.US1
US	METHOD AND SYSTEM FOR V-BLAST DETECTION WITH NEAR MAXIMUM LIKELIHOOD PERFORMANCE AND LOW COMPLEXITY	08-Jan-07	11/650666	06-Apr-10	US7693238	06-Apr-10	US7693238	Granted	10128.US1
US	HARDWARE-CENTRIC MEDIUM ACCESS CONTROL (MAC) DEVICE	08-Jan-07	11/651330	10-Jul-08	US2008-0163798	07-Sep-10	US7792141	Granted	10129.US1

Country	Official Title	App. Date	App. No.	Pub. Date	Pub. No.	Issue/Grant Date	Patent No.	Status	IMG Ref.
US	HARDWARE-CENTRIC MEDIUM ACCESS CONTROL (MAC) DEVICE	03-Aug-10	12/849615	09-Dec-10	US2010-0309251	27-Mar-12	US8144727	Granted	10129.US2
US	PASSIVE LISTENING IN WIRELESS COMMUNICATION	02-Jan-07	11/651287	10-Jul-08	US2008-0165780	14-Aug-12	US8243638	Granted	10130.US1
US	HARDWARE-BASED PACKET ADDRESS PARSING FOR PACKET RECEPTION IN WIRELESS NETWORKS	01-Aug-12	13/564556	14-Mar-13	US2013-0054234			Pending, Published	10130.US2
US	CONDITIONAL ACTIVATION AND DEACTIVATION OF A MICROPROCESSOR	08-Jan-07	11/651272	10-Jul-08	US2008-0168189			Pending, Published	10131.US1
US	HARDWARE-BASED BEACON PROCESSING	08-Jan-07	11/651358	10-Jul-08	US2008-0163769	07-Aug-12	US8234278	Granted	10132.US1
US	HARDWARE-BASED BEACON PROCESSING	02-Aug-12	13/564726	07-Mar-13	US2013-0058267			Pending, Published	10132.US2
US	LOW COMPLEXITY IMPLEMENTATION OF A VITERBI DECODER WITH NEAR OPTIMAL PERFORMANCE	04-Apr-08	12/080597	30-Aug-11	US8009773	30-Aug-11	US8009773	Granted	10157.US1
US	METHOD AND SYSTEM FOR DETECTION OF ONSET OF NEAR-END SIGNAL IN AN ECHO CANCELLATION SYSTEM	09-May-08	12/131928			01-Jan-13	US8345860	Granted	10162.US1
US	METHOD AND SYSTEM FOR DETECTION OF ONSET OF NEAR-END SIGNAL IN AN ECHO CANCELLATION SYSTEM	12-Nov-12	13/710473	22-Aug-13	US2013-0218558			Pending, Published	10162.US2
US	SYSTEMS AND METHODS OF ECHO & NOISE CANCELLATION IN VOICE COMMUNICATION	06-Sep-12	61/697683					Inactive, Expired	10239.US1
US	SYSTEMS AND METHODS OF ECHO & NOISE CANCELLATION IN VOICE COMMUNICATION	04-Sep-13	14/017860					Pending, Unpublished	10239.US2

Country	Official Title	App. Date	App. No.	Pub. Date	Pub. No.	Issue/Grant Date	Patent No.	Status	ING Ref.
									

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RECORDED: 04/10/2014

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