

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	10/07/2014
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FLUENTIAL, LLC	02/18/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NANT HOLDINGS IP, LLC
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<b>City:</b>	CULVER CITY
<b>State/Country:</b>	CALIFORNIA
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16525323
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<b>SIGNATURE:</b>	/WILLIAM J. BRUCKER/
<b>DATE SIGNED:</b>	08/12/2019
<b>Total Attachments: 3</b>	
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## CONFIRMATORY PATENT ASSIGNMENT

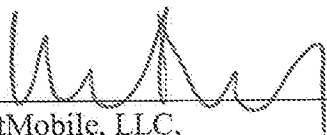
WHEREAS, **FLUENTIAL, LLC**, a Delaware limited liability company with a mailing address at 1200 Crossman Avenue, Suite 210, Sunnyvale, CA 94089 (hereinafter "ASSIGNOR"), is the sole owner of all right title and interest in and to the Patents and Patent Applications shown on Exhibit A, attached hereto (Collectively referred to as "Patent Rights").

WHEREAS, **NANT HOLDINGS IP, LLC**, a Delaware limited liability company with a mailing address at 9920 Jefferson Blvd., Culver City, CA 90232 (hereinafter "ASSIGNEE") desires to secure and confirm the assignment from ASSIGNOR of ASSIGNOR's entire, right, title and interest in, to and under the said Patent Rights;

NOW THEREFORE, for good and valuable consideration, the receipt whereof is acknowledged, ASSIGNOR **effective as of October 7, 2014** does hereby sell, assign, transfers, conveys and delivers unto said ASSIGNEE the entire right, title and interest in and to the Patent Rights along with all forms of industrial property protection, including, without limitation, patents, utility models, inventor certificates and designs which may be granted or which have been granted for the invention embodied in the Patent Rights, and all divisions, renewals, continuations, and continuations-in-part thereof, in any country or countries foreign to the United States and all extensions, renewals and reissues thereafter; the same to be held and enjoyed by the said ASSIGNEE for its own use and behalf, and for its legal representatives and assigns, to the full end of the term for which said Patent Rights are granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment not been made, together with all income, royalties, damages, and payments hereafter due or payable to ASSIGNOR with respect to the Patent Rights, including without limitation unpaid damages and payment for past, present, and future infringements of Patent Rights, and all rights to sue and recover damages and payments for past, present, and future infringements of the Patent Rights, including the right to fully and entirely replace ASSIGNOR in all matters related thereto.

In furtherance of this instrument, ASSIGNOR hereby acknowledges that, from the **effective date of October 7, 2014** and from that date forward, ASSIGNEE has succeeded to all right, title, interest and standing of ASSIGNOR to: (a) receive all rights and benefits pertaining to the Patent Rights; (b) institute and prosecute all suits and proceedings and take all actions that ASSIGNEE, in its sole discretion, may deem necessary or proper to collect, assert, or enforce any claim, right, or title of any kind in and to any and all the Patent Rights; and (c) defend and comprise any and all such actions, suits, or proceedings relating to such Patent Rights and do all other such acts and things in relation thereto as ASSIGNEE, in its sole discretion, deem advisable.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18<sup>th</sup> day of February 2015.

By:   
NantMobile, LLC,  
Fluential, LLC's Sole Member,  
executed by Christian Zapf, VP and Counsel,  
Corporate Development NantMobile, LLC

Schedule A

Listed Assigned Patent Rights

Title	Serial Number/ Patent Number	Status	Filing Date
Methods for Creating a Phrase Thesaurus	10/096194 8374871	Issued US Patent	03/11/02
Phrase-Based Dialogue Modeling with Particular Application to Creating a Recognition Grammar for a Voice Controlled User Interface	10/818219 8442812	Issued US Patent	04/05/04
Phrase-Based Dialogue Modeling with Particular Application to Creating a Recognition Grammar for a Voice Controlled User Interface	13/736903 8630846	Issued US Patent	01/08/13
Methods for Creating a Phrase Thesaurus	13/736689 8650026	Issued US Patent	01/08/13
Robust Information Extraction from Utterances	11/965711 8583416	Issued US Patent	12/27/07
Methods for Using Manual Phrase Alignment Data to Generate Translation Models for Statistical Machine Translation	11/969518 8229728	Issued US Patent	01/04/08
Mobile Speech-to-Speech Interpretation System	12/351793 8478578	Issued US Patent	01/09/09
Mobile Speech-to-Speech Interpretation System	13/934194 8775181	Issued US Patent	07/02/13
Phrase-Based Dialogue Modeling With Particular Application to Creating a Recognition Grammar for a Voice Controlled User Interface	14/155235	US Application	01/14/14
Methods for Creating a Phrase Thesaurus	14/178259	US Application	02/11/14
Robust Information Extraction from Utterances	14/077214	US Application	11/12/13
Mobile Speech-to-Speech Interpretation System	14/326283	US Application	07/08/14

Self-Learning Context Aware Virtual Assistants, Systems And Methods	13/744056	US Application	01/17/13
Multi-Dimensional Interactions and Recall	13/767034	US Application	02/14/13
Spoken Control for User Construction of Complex Behaviors	13/780645	US Application	02/28/13
Multimodal Natural Language Interface For Faceted Search	13/781524	US Application	02/28/13
Mechanical Turk Integrated IDE, Systems and Method	13/866444	US Application	04/19/13
Interactive Spoken Dialogue Interface for Collection of Structured Data	13/917519	US Application	06/13/13
Smart Home Automation Systems And Methods	14/049158	US Application	10/08/13