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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IPSILIUM LLC	03/13/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	60147654
Application Number:	60147764
Patent Number:	6819681
Patent Number:	6961777
Patent Number:	7009967
Patent Number:	7185114
Patent Number:	7197046

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DATE SIGNED:	03/13/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 052107 FRAME: 0343

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Total Attachments: 2

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PATENT REEL: 052107 FRAME: 0344

ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt of which is hereby acknowledged, Ipsilium LLC, a California Limited Liability Company having an address at 947 Edinburgh St., San Francisco, CA 94112 ("Patent Owner" and "Assignor") does hereby sell, assign, transfer, and convey unto Shrikumar Hariharasubrahmanian of Palo Alto, California ("Assignee"), and unto Assignee's legal representatives and assigns, the entire rights, title, and interest in and to the following:

- (a) the patents in Exhibit A (the "Patents") and related provisional applications to the Patents as listed in Exhibit B (the "Provisional Applications");
- (b) all reissues, reexaminations, continuations, continuations-in-part, divisional, or any other patent or patent application that claims priority to the Patents and Provisional Applications;
- (c) all causes of action, rights to sue, and other enforcement and protection rights for the items in (a) and (b) for past, current, and future infringement including for (1) damages and income; (2) injunctive relief, and (3) any other remedies of any kind in law or equity;
- (d) all rights to collect royalties and all other payments for the items in (a) through (c).

Assignor hereby authorizes the U.S. Patent and Trademark Office to issue any and all patents that may be granted upon any of the above in the name of the Assignee.

By:	Assignor: Ipsillum LLC Signed by: Palani P. Rathinasamy, Ipsilium LLC Legal Counsel
Date:	3/13/2020

EXHIBIT A - Patent List

Patent No.	Filing Date	Issue Date	<u>Title</u>
US 6819681	2000-08-07	2004-11-16	SYSTEMS AND METHODS FOR
			PREDICTING DATA FIELDS IN
			LAYERED PROTOCOLS
US 6961777	2000-08-04	2005-11-01	SYSTEMS AND METHODS FOR
			PREDICTING FIELDS IN A DATA
			PACKET
US 7009967	2000-08-04	2006-03-07	SYSTEMS AND METHODS FOR
			TRANSMITTING DATA PACKETS
US 7185114	2000-08-04	2007-02-27	VIRTUAL MEMORY SYSTEMS AND
			METHODS
US 7197046	2000-08-07	2007-03-27	SYSTEMS AND METHODS FOR
			COMBINED PROTOCOL
			PROCESSING PROTOCOLS

EXHIBIT B – Provisional Applications List

App. No.	Filing Date	Title
60/147,654	1999-08-06	METHOD AND APPARATUS FOR IMPROVED
		RESPONSE IN DATA COMMUNICATION
60/147,764	1999-08-07	METHOD AND APPARATUS FOR EFFICIENT
		IMPLEMENTATION OF DATA COMMUNICATION

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PATENT REEL: 052107 FRAME: 0346