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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	
ABILASH MENON				06/20/2016	
ROBERT PENFIELD				06/20/2016	
HADRIEL S KAPLAN				06/20/2016	
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Postal Code:	01803				
Property Type Application Number:		Number 15169003			
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	be sent to	(617)443-0004 • the e-mail address first; if tha I; if that is unsuccessful, it will			
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ATTORNEY DOCKET NUMBER:		4094/1021			
NAME OF SUBMITTER:		JEFFREY T. KLAYMAN	JEFFREY T. KLAYMAN		
SIGNATURE:		/Jeffrey T. Klayman, #39,2	/Jeffrey T. Klayman, #39,250/		
DATE SIGNED:		06/24/2016	06/24/2016		
Fotal Attachments: 3					
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ASSIGNMENT

ASSIGNOR(S):	Abilash Menon Robert Penfield Hadriel S. Kaplan		
ASSIGNEE:	128 Technology, Inc. 200 Wheeler Road Burlington, MA 01803		
STATE OF INCORPORATION OF ASSIGNEE:	Delaware		
TITLE:	Reverse Forwarding Information Base Enforcement		
ATTORNEY DOCKET:	4094/1021		
APPLICATION NO.:	15/169,003		
FILING DATE:	May 31, 2016		

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assigner during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee,

Page 1 of 3

PATENT REEL: 039007 FRAME: 0262 perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 6/2000/1600

Commonwealth of Massachusetts

County of $\underline{Migg} \subseteq \underline{ESEX}$, ss.

Cilculation

Abilash Menon, Assignor

ans ,2016

On this 20 day of 3, 2016, before me, the undersigned notary public, personally appeared Abilash Menon, proved to me through satisfactory evidence of identification, which consisted of 20 and 3 and 20 and 3, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



Notary Public My commission explres: 6405-29 Serves.

PATENT REEL: 039007 FRAME: 0263

Date: 6/20/70/6

Robert Penfield, Assignor 🐇

Commonwealth of Massachusetts

County of MODLESEX, ss.

200 ,2016

On this 220 day of 320, 2016, before me, the undersigned notary public, personally appeared Robert Penfield, proved to me through satisfactory evidence of identification, which consisted of 322 and 222, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.



County of Margan ss.

On this 25 day of 56, 2016, before me, the undersigned notary public, personally appeared Hadriel S. Kaplan, proved to me through satisfactory evidence of identification, which consisted of 56 and 56, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal



ROSS	~0.
Notary Public	
My commission expi	