505158863 10/25/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
NAVID GOLPAYEGANI	10/24/2018
CURT A. TILMES	09/04/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16058383	

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Address Line 4: GREENBELT, MARYLAND 20771

ATTORNEY DOCKET NUMBER: GSC-17898-1			
NAME OF SUBMITTER:	MILELENE GUNYON		
SIGNATURE:	/milelene gunyon/		
DATE SIGNED:	10/25/2018		

Total Attachments: 2

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PATENT 505158863 REEL: 047309 FRAME: 0473



Assignment to the Government (by Government Employee)

title of Invention:	DISTRIBUTED HASH OBJECT ARCHIVE SYSTEM						
inventor(s):	NAVIO GOLPAY	NAVIO GOLPAYEGANI, CURT A. TILMES, DAMON N. EARP, JIHAD S. ASHKAR					
NASA Case No.:	GSC-17898-1	Application No.*:	16/068,383	Filing Date1:	8/8/2018		
WHEREAS, the par Government (beres Administration	ties to this Assignment Ber Government), as	nt and Agreement an represented by the A	e the undersigned invent idministrator of the Natio	or(s) and the U nei Aeronautic	Inited States is and Space		
WHEREAS, the ma	king of this Assignme	nt and Agreement is	in accordance with 37 C	FR Part 501; a	nd		
WHEREAS, the unc Stains Patent on the	tersigned inventor(s) is above-entitled inven	has (have) executed dion.	, on the date(s) indicated	l below, an app	dication for United		
Assign to the America, its territori corresponding conti	 Government my (our es and possessions, ; mustion or divisional ; 	 full and exclusive (and my (our) entire (application(s) and an 	overnment, the undersig ight in and to said invent ght, title and interest in a y patent(s) that may issu	ion within the (and to said app a therefrom.	lication, and any		
accordance with 37 amended. If the Go country, in accordar nonaxdusive, irrevo	CFR 501.9(d), includ vernment chooses no noe with 37 CFR 501.1 cable, royally-free lice	ing rights of priority u t to file an application 9(d), and such rights anse in the invention	lucive foreign rights in as inder the International Ci I in any foreign country, i will be subject to the res with power to grant licer auticable, in any foreign	onvention of Pi I (we) may requervation to the rises for all gov	aris (1863), as used rights in that Government of a emmental		
information to, and :	expense of the Gove (c) to cooperate in an by this Assignment ar	y manner with the Go	te any document for, (b) overnment in order to alk	to deliver any ow the Govern	requested nent to protect any		
 Authorize an above when require 	of request the attorney d.	ys of record in the ap	plication to insert the ap	plication numb	or and filing date		
(Sgnause of Invento			ote Assignment Executed)	(Osto Appi	ication Executed)		
NAVID GOLPAY	EGAN		A				
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ti i te provincia de la compania de			_09/04/2018		4/2012		
(Signature of Inventor Private & Trick & Co					(Cilion Executiva)		
CURT A. TILMES (Inventor's Typed No.			wood Rd, Bel Air, MD rese - including Country)	x1014, USA			
(Signature of tesento)	"		ale Assignment Executive)		italian Emaded)		
(Inventor's Typed Na.	9889		man - messema Cercanos		······		

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Assignment to the Government (by Government Employee)

Title of Invention:	_DISTRIBUTED HASH OBJECT ARCHIVE SYSTEM					
Inventor(s):	NAVID GOLPAYEGANI, CURT A. TILMES, DAMON N. EARP, JIHAD S. ASHKAR					
NASA Case No.:	GSC-17898-1	Application No.*:	16/058,383	_ Filing Date*:	8/8/2018	
WHEREAS, the partion of the control						
WHEREAS, the maki	ng of this Assignme	nt and Agreement is	in accordance with 3	37 CFR Part 501; a	ind	
WHEREAS, the unde States Patent on the			on the date(s) indica	ated below, an app	olication for United	
NOW THEREFORE, 1. Assign to the C America, its territories corresponding contine	Government my (our and possessions, a) full and exclusive ri and my (our) entire ri	ght in and to said inv ght, title and interest	vention within the Uin and to said app		
2. Agree to grant accordance with 37 C amended. If the Gove country, in accordance nonexclusive, irrevoc purposes. The terms invention.	FR 501.9(d), includi ernment chooses not e with 37 CFR 501.9 able, royalty-free lice	t to file an application 9(d), and such rights ense in the invention	nder the Internationa in any foreign coun will be subject to the with power to grant I	al Convention of Patry, I (we) may requerescript to the ireservation to the icenses for all gov	aris (1883), as uest rights in that Government of a ernmental	
3. Agree, at the einformation to, and (cinterest transferred by) to cooperate in any					
*4. Authorize and above when required		ys of record in the ap	plication to insert the	e application numb	er and filing date	
(Signature of Inventor)			0/24/2010 ate Assignment Execut	tod) (Data Ann	lication Evacuted)	
	O A NII		pleton Place, Rock		lication Executed) US	
NAVID GOLPAYE (Inventor's Typed Name	El / (La / ()					
(Cinn store of love store)			-4- Ai	(Data Ann	tionations (Francisco)	
(Signature of Inventor)		(D	ate Assignment Execu	ieu) (Date Appi	lication Executed)	
CURT A. TILMES (Inventor's Typed Name	e)	(Mailing Add	ress - Including Countr	y)		
(Signature of Inventor)		(D	ate Assignment Execut	ted) (Date App	lication Executed)	

(Mailing Address - Including Country)

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(Inventor's Typed Name)

RECORDED: 10/25/2018

PATENT REEL: 047309 FRAME: 0475