PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6325386

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SÉBASTIEN ANDREAS HENRY PAHL	03/05/2013
MATTHIEU PHILIPPE FRANÇOIS TOURNE	03/07/2013
PIOTR SIKORA	03/07/2013
RAY RAYMOND BEJJANI	03/07/2013
DANE ORION KNECHT	03/07/2013
MATTHEW BROWNING PRINCE	03/07/2013
JOHN GRAHAM-CUMMING	03/07/2013
LEE HAHN HOLLOWAY	03/07/2013
ALBERTUS STRASHEIM	05/08/2014

RECEIVING PARTY DATA

Name:	me: CLOUDFLARE, INC.	
Street Address:	101 TOWNSEND ST.	
City:	SAN FRANCISCO	
State/Country: CALIFORNIA		
Postal Code:	94107	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17036988

CORRESPONDENCE DATA

Fax Number: (408)675-0442

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

Phone: 408-675-0441

Email: carrie@ndwe.com

Correspondent Name: NICHOLSON DE VOS WEBSTER & ELLIOTT LLP

Address Line 1: 99 ALMADEN BOULEVARD

Address Line 2: SUITE 710

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	8906P012C2DC
NAME OF SUBMITTER:	MATTHEW N. NICHOLSON

506278639 PATENT REEL: 053921 FRAME: 0980

SIGNATURE:	/Matthew N. Nicholson/	
DATE SIGNED:	09/29/2020	
Total Attachments: 6		
source=8906P012C2DC Assignment - signed#page1.tif		
source=8906P012C2DC Assignment - signed#page2.tif		
source=8906P012C2DC Assignment - signed#page3.tif		
source=8906P012C2DC Assignment - signed#page4.tif		
source=8906P012C2DC Assignment - signed#page5.tif		
source=8906P012C2DC Assignment - signed#page6.tif		

PATENT REEL: 053921 FRAME: 0981

~~~~~	
ASS	IGNMENT OF PATENT APPLICATION Attorney Docket No.: 8906P012
	For good and valuable consideration, the receipt and sufficiency of which is hereby
ack	nowledged, I/we, the undersigned, <u>Sébastien Andreas Henry Pahl, Matthieu Philippe François</u>
Tou	ırne, Piotr Sikora, Ray Raymond Bejjani, Dane Orion Knecht, Matthew Browning Prince,
<u>Joh</u>	n Graham-Cumming & Lee Hahn Holloway
	eby sell, assign, and transfer to <u>CloudFlare, Inc.</u>
а (Тур	Corporation of Delaware , e of Assignee: e.g., corporation, company, partnership, university, etc.)
Hav	ing a principal place of business at 665 Third Street, Suite 207, San Francisco, CA 94107
tor t are the	ssignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest the United States and all foreign countries, in and to any and all inventions or improvements that disclosed in the application (provisional or non-provisional) for the United States patent which for non-provisional application may have a declaration executed by the undersigned prior hereto or currently herewith and which application (provisional or non-provisional) is entitled
SEC	CURE SESSION CAPABILITY USING PUBLIC-KEY CRYPTOGRAPHY WITHOUT ACCESS
	THE PRIVATE KEY ,
saic	patent application also identified as follows (when known):
`	[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]
Unit	ted States Patent Application Number 13/788,784 filed 03/07/2013
provapp app pate any ree) all fe	in and to said application (provisional or non-provisional) and all provisional applications, non- visional applications, utility applications, design applications, divisional applications, continuation lications, continued prosecution applications, continuation-in-part applications, substitute lications, renewal applications, reissue applications, reexaminations, extensions, and all other ent applications that have been or shall be filed in the United States and all foreign countries on of said inventions or improvements; and in and to all original patents, reissued patents, camination certificates, and extensions, that have been or shall be issued in the United States and oreign countries on said inventions or improvements; and in and to all rights of priority resulting in the filing of said United States application;
said and prov appi appi pate assi assi impi repr	agree that said Assignee may apply for and receive a patent or patents for said inventions or rovements in its own name; and that, when requested, without charge to, but at the expense of, I Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent purpose of this Assignment, the undersigned will execute all provisional applications, non-visional applications, utility applications, design applications, divisional applications, continuation lications, continued prosecution applications, continuation-in-part applications, substitute lications, renewal applications, reissue applications, reexaminations, extensions, and all other ent applications on any and all said inventions or improvements; execute all rightful oaths, gnments, powers of attorney, and other papers; communicate to said Assignee, its successors, gns, and representatives all facts known to the undersigned relating to said inventions or rovements and the history thereof; and generally assist said Assignee, its successors, assigns, or esentatives in securing and maintaining proper patent protection for said inventions or rovements and for vesting title to said inventions or improvements, and all applications for patents

-1-

Attorney Docket No.: 8906P012

Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

## Each Inventor: Please Sign and Date Below:

. 20	
Date	Signature
7 March , 20 13	Sébastien Andreas Henry Pahl Printed/Typed Name Signature
7 Harl, 2015	Matthieu Philippe François Tourne Printed/Typed Name パックト Si レンシー Signature
7 March , 20 13 Date	Piotr Sikora Printed/Typed Name  /// Signature
7 march 2013	Ray Raymond Bejjani Printed/Typed Name Signature
7 Mach , 20 13 Date	Dane Orion Knecht Printed/Typed Name Signature Matthew Browning Prince
, 20	Printed/Typed Name Signature
7 March , 20 13 Date	John Graham-Cumming Printed/Typed Name Signature  Lee Hahn Holloway Printed/Typed Name

Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

Attorney Docket No.: 8906P012

- 2 -

Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. Each Inventor: Please Sign and Date Below Sébastien Andreas Henry Pahl Printed/Typed Name Date Signature Matthieu Philippe François Tourne Printed/Typed Name Date Signature Piotr Sikora Printed/Typed Name Date Signature Ray Raymond Beijani Printed/Typed Name Date Signature Dane Orion Knecht Printed/Typed Name Date Signature Matthew Browning Prince Printed/Typed Name Date Signature John Graham-Cumming Printed/Typed Name 20 Date Signature Lee Hahn Holloway Printed/Typed Name Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040

(408) 720-8300

- 2 -

Attorney Docket No.: 8906P012

PATENT REEL: 053921 FRAME: 0984

Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no c

	lign <u>and Date</u> Below:	
Dais	Signature	
	Sébastien Andreas Henry Pahl Printed/Typed Name	
. 20		
Date	Signature	
	Matthieu Philippe François Tourne Printed/Typed Name	
enconomical 20	ADMINISTRA OUTSIGNARIA PARA PROGRAMA PR	
Date	Signature	
	Plotr Sikora Printed/Typed Name	
	Signature	
and and a second of the second	Ray Raymond Bellani	
	Printed/Typed Name	
	ANNANAN «HINIONINININININININININININININININININ	
Date	Signature	
	Dane Orion Knecht Printed/Typed Name	
value Date	Skyneture	
***************************************	Matthew Browning Prince	
en a	Printed Typed Name	
7 /\sic\20_\?	- JWY S	
	John Grehem-Cumming	
	Printed/Typed Name	
Date 20	\$ \$ 1.0000000000000000000000000000000000	
	Lee Hahn Holloway	
	Printed/Typed Name	
	Asskonment Document Return Address: BLANELY, SOKOLOFF, TAYLOR & ZAFMAN 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300	LLP

**PATENT** 

REEL: 053921 FRAME: 0985

A:	SSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 8906P012
For good and valuable consideration, the receipt and sufficiency of which is hereby		
acknowledged, I/we, the undersigned, Sébastien Andreas Henry Pahl, Matthieu Philippe Franço		
Tourne, Piotr Sikora, Ray Raymond Bejjani, Dane Orion Knecht, Matthew Browning Prince,		echt, Matthew Browning Prince,
John Graham-Cumming, Lee Hahn Holloway & Albertus Strasheim		asheim,
hereby sell, assign, and transfer to <u>CloudFlare, Inc.</u>		
	a <u>Corporation</u> (Type of Assignee: e.g., corporation, company, partnership, university, e	of <u>Delaware</u> ,
	having a principal place of business at 665 Third Street, Si	uite 207, San Francisco, CA 94107
	("Assignee"), and its successors, assigns, and legal represe for the United States and all foreign countries, in and to any are disclosed in the application (provisional or non-provision the non-provisional application may have a declaration exec concurrently herewith and which application (provisional or n	and all inventions or improvements that hal) for the United States patent which for cuted by the undersigned prior hereto or
	SECURE SESSION CAPABILITY USING PUBLIC-KEY CR	YPTOGRAPHY WITHOUT ACCESS
	TO THE PRIVATE KEY said patent application also identified as follows (when know	vn):
	[I/we hereby authorize an attorney or agent for said number and filing date of said patent application wh	
	United States Patent Application Number <u>13/788,784</u> f	iled <u>03/07/2013</u> ,
	and in and to said application (provisional or non-provisional provisional applications, utility applications, design applications applications, continued prosecution applications, continuation applications, renewal applications, reissue applications, reespatent applications that have been or shall be filed in the Ur any of said inventions or improvements; and in and to all or reexamination certificates, and extensions, that have been or	ons, divisional applications, continuation on-in-part applications, substitute xaminations, extensions, and all other nited States and all foreign countries on ginal patents, reissued patents,

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

all foreign countries on said inventions or improvements; and in and to all rights of priority resulting

from the filing of said United States application;

Attorney Docket No.: 8906P012 - 1 - Rev. 1/08/2010

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each inventor:	Please Sign and Date Below:		
	. 20		
Date		Signature	
		Sébastien Andreas Henry Pahl	
		Printed/Typed Name	
		s mode i gode stente	
	, 20		
Date		Signature	
		Matthieu Philippe François Tourne	
		Printed/Typed Name	
	, 20		
Date		Signature	
		, and the second	
		Piotr Sikora	
		Printed/Typed Name	
	, 20		
Date		Signature	
		Ray Raymond Bejjani	
		Printed/Typed Name	
Date	, 20	Olara Alvara	
Date		Signature	
		Dane Orion Knecht	
		Printed/Typed Name	
	. 20		
Date	, 20	Signature	
		_	
		Matthew Browning Prince	
		Printed/Typed Name	
	, 20		
Date		Signature	
		John Graham-Cumming	
		Printed/Typed Name	
		Children (godo (dams	
	, 20		
Date		Signature	
		Lee Hahn Holloway	
٤		Printed/Typed Name	
2 Mar	116		
<u> </u>	~ 50 1 1 1 1		
Date	`	Signature Signature	
		Albertus Strasheim	
		Printed/Typed Name	
Assignment Documer BLAKELY, SOKOLOR		•••	
1279 Oskmead Parki		a word 5 Sect.	
(408) 720-8300			

Attorney Docket No.: 8906P012 - 2 - Rev. 1/08/2010