505606866 08/05/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VANISHREE RAO	07/17/2019
ROBERT TARJAN	07/16/2019
JARL NILSSON	07/10/2019

RECEIVING PARTY DATA

Name:	INTERTRUST TECHNOLOGIES CORPORATION
Street Address:	920 STEWART DRIVE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94085

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16421333

CORRESPONDENCE DATA

Fax Number: (801)882-7844

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: 8018827886

Email: jdavis@tdiplaw.com, jkehl@tdiplaw.com, docket@tdiplaw.com

Correspondent Name: JOHN P. DAVIS

10 WEST BROADWAY, SUITE 700 Address Line 1: Address Line 4: SALT LAKE CITY, UTAH 84101

ATTORNEY DOCKET NUMBER:	IT-165.1 (US)
NAME OF SUBMITTER:	MATTHEW D. THAYNE
SIGNATURE:	/Matthew D. Thayne/
DATE SIGNED:	08/05/2019

Total Attachments: 5

source=IT-165.1_Signed Assignments#page1.tif

source=IT-165.1_Signed Assignments#page2.tif

source=IT-165.1_Signed Assignments#page3.tif

source=IT-165.1 Signed Assignments#page4.tif

PATENT REEL: 049963 FRAME: 0949

EPAS ID: PAT5653667

505606866

source=IT-165.1_Signed Assignments#page5.tif

PATENT REEL: 049963 FRAME: 0950

ASSIGNMENT

WHEREAS I/We, the below-named inventor(s) (hereinafter referred to as Assignor(s)), have made an invention entitled:

DIGITAL RIGHT MANAGEMENT SYSTEMS AND METHODS USING EFFICIENT MESSAGING ARCHITECTURES

as disclosed and claimed in the applications identified below this paragraph:

Application Number	Country of Filing	Filing Date
16/421,333	US	May 23, 2019
62/676,404	US	May 25, 2018

WHEREAS, Intertrust Technologies Corporation, a corporation of the State of Delaware whose post office address is 920 Stewart Drive, Sunnyvale, CA 94085-3913 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

PATENT REEL: 049963 FRAME: 0951 IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

ASSIGNOR (Inventor) 1
Dimbron / :
Signature
Vanishree Rao
Printed Name
July 17, 2019
Execution Date
ASSIGNOR (Inventor) 2
Signature
Robert Tarjan
Printed Name
Execution Date
ASSIGNOR (Inventor) 3
Signature
Jarl Nilsson
Printed Name
Execution Date

Page 2 of 3

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

ASSIGNOR (Inventor) 1
Signature
Vanishree Rao
Printed Name
Execution Date
ASSIGNOR (Inventor) 2
MIT.
Signature
Robert Tarjan
Printed Name
7/16/19
Execution Date
ASSIGNOR (Inventor) 3
Signature
Jarl Nilsson
Printed Name
Execution Date

Page 2 of 3

PATENT REEL: 049963 FRAME: 0953 IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

ASSIGNOR (Inventor) 1	
Signature	
<u>Vanishree Rao</u>	
Printed Name	
Execution Date	
ASSIGNOR (Inventor) 2	
Cianatura	
Signature Salaria	
Robert Tarjan	
Printed Name	
Execution Date	
ASSIGNOR (Inventor) 3	
Age Ho	
Signature	
Jarl Nilsson	
Printed Name	
2019 July 10	
Execution Date	

Page 2 of 3

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. IT-165.1 (US)

Assignee Name:

Intertrust Technologies Corporation

Signature:

Printed Name: Jeffery J-McDow

Corporate Title:

Senior Vice President & Chief Patent Counsel

Date:

Page 3 of 3

PATENT REEL: 049963 FRAME: 0955

RECORDED: 08/05/2019