505208167 11/28/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5254935

SUBMISSION TYPE:		1	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ŀ	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
			Name			Execution Date
PAUL SNOW						11/13/2018
RECEIVING PARTY D	ΑΤΑ					
Name:	FACTC	FACTOM, INC.				
Street Address:	7320 N	7320 N. MOPAC EXPRESSWAY				
Internal Address:	SUITE	SUITE 301				
City:	AUSTI	AUSTIN				
State/Country:	TEXAS	TEXAS				
Postal Code:	78731	78731				
Application Number:		161169	975			
Property Type			Number			
CORRESPONDENCE	DATA					
Fax Number:						
Fax Number: <i>Correspondence will L</i>	be sent to					
Fax Number: <i>Correspondence will L</i> <i>using a fax number, if</i>	be sent to provided	d; if tha				
Fax Number: <i>Correspondence will L</i> <i>using a fax number, if</i>	be sent to provided	d<i>; if tha</i> 919-46	nt is unsuccessful, it w			
Fax Number: <i>Correspondence will L using a fax number, if</i> Phone: Email:	be sent to provideo	d; if tha 919-46 admin@	it is unsuccessful, it w 9-2629	ill be se		
<i>using a fax number, if</i> Phone:	be sent to provideo	d; if tha 919-46 admin@ SCOTT	ht is unsuccessful, it w 99-2629 @scottzimmerman.com	ill be se		
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name:	be sent to provideo	d; if tha 919-46 admin@ SCOTT P. O. E	ht is unsuccessful, it w 99-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL	<i>ill be se</i> i		
Fax Number: <i>Correspondence will & using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	be sent to provideo	<i>d; if tha</i> 919-46 admin@ SCOT⊺ P. O. E CARY,	n t is unsuccessful, it w 99-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL 8OX 3822	<i>ill be se</i> i		
Fax Number: <i>Correspondence will L using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	be sent to provided	d; if tha 919-46 admin(SCOT P. O. E CARY,	et is unsuccessful, it w 9-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL 3OX 3822 NORTH CAROLINA 27	<i>ill be se</i> C 7519		
Fax Number: <i>Correspondence will L using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	be sent to provided	d; if tha 919-46 admin(SCOTT P. O. E CARY,	et is unsuccessful, it w 19-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL 30X 3822 NORTH CAROLINA 27 FACTOM 20	<i>ill be se</i> C 7519		
Fax Number: <i>Correspondence will & using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N	be sent to provided	d; if tha 919-46 admin@ SCOTT P. O. E CARY, F CARY,	et is unsuccessful, it w 19-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL 30X 3822 NORTH CAROLINA 27 FACTOM 20 SCOTT P. ZIMMERMAN	<i>ill be se</i> C 7519		
Fax Number: <i>Correspondence will & using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: BIGNATURE:	be sent to provided	d; if tha 919-46 admin@ SCOTT P. O. E CARY, F CARY,	et is unsuccessful, it w 19-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL 30X 3822 NORTH CAROLINA 27 FACTOM 20 SCOTT P. ZIMMERMAN Scott P. Zimmerman/	<i>ill be se</i> C 7519		
Fax Number: <i>Correspondence will &</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: BIGNATURE: DATE SIGNED:	be sent to provided	d; if tha 919-46 admin(SCOT P. O. E CARY, F 6 7	et is unsuccessful, it w 19-2629 @scottzimmerman.com F P. ZIMMERMAN, PLL BOX 3822 NORTH CAROLINA 27 FACTOM 20 SCOTT P. ZIMMERMAN Scott P. Zimmerman/ 11/28/2018	<i>ill be se</i> C 7519		

ASSIGNMENT TO FACTOM, INC.

WHEREAS I, Paul Snow, residing at 10906 Opal Trail, Austin, Texas, 78750, hereafter referred to as Assignor, am listed as an inventor on the following patent applications:

- 1) "Validating Documents via Blockchain" filed January 30, 2017 and assigned U.S. Application No. 15/419,033 (Attorney Docket: Factorn 1);
- Possession and Alteration of Documents" filed January 30, 2017 and assigned U.S. Application No. 15/419,042 (Attorney Docket: Factorn 2);
- "Secret Sharing via Blockchains" filed February 17, 2017 and assigned U.S. Application No. 15/435,612 (Attorney Docket: Factorn 3);
- Validating Mortgage Documents" filed March 8, 2017 and assigned U.S. Application No. 15/452,760 (Attorney Docket: Factorn 4);
- Sourcing Mortgage Documents via Blockchains" filed March 10, 2017 and assigned U.S. Application No. 15/456,067 (Attorney Docket: Factorn 5);
- "Indexing Mortgage Documents via Blockchain" filed March 15, 2017 and assigned U.S. Application No. 15/459,061 (Attorney Docket: Factorn 6);
- "Auditing of Mortgage Documents" filed March 22, 2017 and assigned U.S. Application No. 15/465,702 (Attorney Docket: Factom 7);
- *Due Diligence in Mortgage Documents" filed March 31, 2017 and assigned U.S. Application No. 15/475,199 (Attorney Docket: Factorn 8);
- "Data Reproducibility Using Blockchains" filed April 27, 2017 and assigned U.S. Application No. 15/499,558 (Attorney Docket: Factorn 9);
- 10) "Private Cryptocoinage in Blockchain Environments" filed May 18, 2018 and assigned U.S. Application No. 15/983,572 (Attorney Docket: Factorn 10);
- 11) "Load Balancing in Blockchain Environments" filed May 18, 2018 and assigned U.S. Application No. 15/983,595 (Attorney Docket: Factorn 11);
- 12) "Import and Export in Blockchain Environments" filed May 18, 2018 and assigned U.S. Application No. 15/983,612 (Attorney Docket: Factorn 12);
- "Personal Blockchain Services" filed May 18, 2018 and assigned U.S. Application No. 15/983,632 (Attorney Docket: Factorn 13);
- 14) "Private Blockchain Services" filed May 18, 2018 and assigned U.S. Application No. 15/983,655 (Attorney Docket: Factom 14);
- 15) "Digital Contracts in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,966 (Attorney Docket: Factorn 15);

PATENT REEL: 047604 FRAME: 0660

- 16) "Digital Contracts in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,967 (Attorney Docket: Factorn 16);
- 17) "Digital Contracts in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,969 (Attorney Docket: Factorn 17);
- "Digital Contracts in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,970 (Attorney Docket: Factorn 18);
- "Digital Contracts in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,972 (Attorney Docket: Factorn 19);
- "Digital Contracts in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,975 (Attorney Docket: Factorn 20);
- "Decisional Architectures in Blockchain Environments" filed August 30, 2018 and assigned U.S. Application No. 16/116,976 (Attorney Docket: Factorn 21);
- 22) "Transactional Sharding of Blockchain Transactions" filed August 30, 2018 and assigned U.S. Application No. 16/116,991 (Attorney Docket: Factorn 22);
- 23) "Stable Cryptocurrency Coinage" provisionally filed August 28, 2018 and assigned U.S. Provisional Application No. 62/723,595 (Attorney Docket: Factor 23) and its corresponding utility patent application to be filed; and
- 24) "Smart Contracts in Blockchain Environments" (Attorney Docket: Factom 25) to be filed.

WHEREAS, FACTOM, Inc., having an address at 7320 N. Mopac Expressway, Suite 301, Austin, Texas 78731 (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said inventions and the patent applications identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all reexaminations and reissues:

NOW THEREFORE, be it known that, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, 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 entire right, title, and interest in and to these inventions and patent applications, and all divisions and continuations thereof; and all Letters Patents of the United States which may be granted thereon, and all reexaminations and reissues thereof; as well as all rights to claim priority on the basis of these applications; and all applications for Letters Patent which may hereafter be filed for these inventions in any foreign country and all Letters Patent which may be granted on these inventions in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described

PATENT REEL: 047604 FRAME: 0661 above, to issue all Letters Patent for these inventions to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment;

Page 3 of 3