PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL CHRISTOPHER HEARN	01/06/2017
QURRATUL AIN SHAMS ASARI	03/30/2017

RECEIVING PARTY DATA

Name:	R3 LTD.
Street Address:	2 LONDON WALL PLACE
City:	LONDON
State/Country:	GREAT BRITAIN
Postal Code:	EC2Y 5AU

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16680154
Application Number:	16890285

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	JMBER: 118168-8002.US05 & 06	
NAME OF SUBMITTER:	TORI ASHFORD-DOWNING	
SIGNATURE:	/Tori Ashford-Downing/	
DATE SIGNED:	08/05/2020	

Total Attachments: 4

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> **PATENT** REEL: 053404 FRAME: 0851 506188680

1	Michael Christoph	<u>ier Hearn</u> ("ASSIGNO	OR") am the original inventor
or an origina	al joint inventor of	subject matter ("INVENTION")	ON") disclosed and/or claimed
in a patent which:	application entitle	ed "CORDA: A DISTRIBUT	ED_LEDGER" ("APPLICATION"),
	ASSIGNEE'S legal is Basinghall Stree REPRESENTATIVES on the following Of	ASSIGNOR hereby auth representative, R3 Ltd., Ci t, London, EC2V 5DE i), to insert here if and given Application fice US - United States CATION's Application No.,	ty Tower, 15th Floor, 40 E (ASSIGNEE'S LEGAL n parentheses (filed Noby Patent and Trademark
8		mber 29, 2016 and was gi by the following Office nark Office";	
Basinghall St ("ASSIGNEE"), rights, title APPLICATION continuing a	reet, London, EC2\ , is entitled to, a and interest, included the control of the	V 5DE, on behalf of itself and is desirous of acquiring the right of prioritiapplications and patents	at City Tower, 15th Floor, 40 and its successors and assigns ing, the entire and exclusive y, in the INVENTION and the derived therefrom, such as the United States, its territories,
REPRESENTA		•	uests, ASSIGNEE'S LEGAL g date, and Office into the
Application 1		Filing Date	Office

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118168-8002.US00/134072991.1

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Λ	Han		1/6/2017
Invento	r's Signature		Ďate –
	nael Christopher He Name in English	earn	
remed	isame m rudum		
For R3 LT	D.:		arle.
Date:	1/9/17	Signature	
Ĭ			Authorized Signer
			Clive Cooke
			Authorized Signer - Printed Name
			Director
			Authorized Signer - Title

1	Qurratul Ain Sham	ns Asari ("ASSIGNO	OR") am the original inventor	
or an origina	ıl joint inventor of	subject matter ("INVENTION")	ON") disclosed and/or claimed	
in a patent	application entitle	ed "CORDA: A DISTRIBUT	ED_LEDGER" ("APPLICATION"),	
which:				
	will be filed.	ASSIGNOR hereby auth	orizes, and requests,	
		representative, R3 Ltd., Ci		
		t, London, EC2V 5DI		
	~	i), to insert here in	•	
		and given Application	•	
		fice <u>US - United States</u>		
		CATION's Application No.,		
	when known;	The state of the s		
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\boxtimes	was filed on Nove	mber 29, 2016 and was g	iven Application	
		by the following Office		
	Patent and Trader	· · ·	= <u>03 - Office States</u>	
	TRICING MINE TRACE!	Hark Office ,		
R3 Ltr	d., having its prir	ocinal place of business	at City Tower, 15th Floor, 40	
			and its successors and assigns	
	("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the			
	APPLICATION (and all other applications and patents derived therefrom, such as			
continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));				
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ASSIG	NOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL	
			g date, and Office into the	
		TION DERIVATIVES after the		
Application N		Filing Date	Office	
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Page 1 of 2

PATENT REEL: 053404 FRAME: 0854

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature		30/03/2019 Date
Qurratul Ain Shams Asari Printed Name in English	***************************************	
For R3 LTD.: Date: 30/03/2017	Signature	Jele.
		Authorized Signer Clive Cooke
		Authorized Signer – Printed Name Director Authorized Signer – Title

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RECORDED: 08/05/2020

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