506250219 09/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6296964

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSMAN ASIF MALIK	09/09/2020
HAYATO USHIJIMA	09/09/2020
AVRADIP MANDAL	09/10/2020
INDRADEEP GHOSH	09/09/2020
ARNAB ROY	09/10/2020

RECEIVING PARTY DATA

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Street Address:	1-1, KAMIKODANAKA 4-CHOME	
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City:	KAWASAKI-SHI, KANAGAWA	
State/Country:	te/Country: JAPAN	
Postal Code:	211-8588	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17018926	

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	F1423.10482US01	
NAME OF SUBMITTER:	R. BURNS ISRAELSEN	
SIGNATURE:	/R. Burns Israelsen, Reg. No. 42685/	
DATE SIGNED:	09/14/2020	

PATENT REEL: 053762 FRAME: 0938

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Total Attachments: 4

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PATENT REEL: 053762 FRAME: 0939 Attorney Docket No.: F1423.10482US01

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

		chome, Nakahara	ı-ku, Kawasaki	-shi, Kanagawa 2	11-8588
hereby sells invention er (<i>Title of Inv</i> e	s, assigns and transf ntitled	receipt of which is he ers to ASSIGNEE the			
		Application PCT/JP_ es was executed on e			
(a) exec	uted on	;	(Insert date of concurrent)	execution of applica	ation, if no
(b) filed	onSeptember 11	, 2020			
	al No			torney is hereby au e specified data, when	
continuatio full term or	n, division, renewal, terms for which the	etters Patent(s) of the substitute, reissue or e said Letters Patent(, "said application(s) a	reexamination ap s) may be granted	plication based there d and including any	on, for the
of said ASS securing, me prosecution reexamination be declaincluding se	IGNEE, to do all acts naintaining and enfor of said application(sion, or public use progred in relation to sapparate assignments	on requested by said A which the ASSIGNEE orcing protection for solutions and the issuance of eceeding, and in any literate, such acts to income, and declarations, tak	may deem neces said invention, in said Letters Paten tigation or other le lude but not be l	sary, desirable or exp cluding in the prepa t(s), in any interference gal proceeding which limited to executing	pedient, for ration and ce, reissue, n may arise all papers,
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IIN VVIIINI	ESS WHEREUF, the I	undersigned inventor(ed nis/ner/their signa	ture(s).
1)	/ Cinnetunal	_	sif MALIK	/D t [
- 1	(Signature)	(Type		(Date)	
2)	Signatural	_	ISHIJIMA Namal	9/9/2020	
a 1 = 1	(Signature)	(Type i		ala la (Date)	A
3) XVI @	Signatural	Avradip (Type)	MANDAL Namal	9 0 <i>10 </i> (Date)	$\frac{\mathcal{U}}{}$
	'(Signature)	(i ype i	vaille)	(Date)	

PATENT REEL: 053762 FRAME: 0940

4)		Indradeep GHOSH	
	(Signature)	(Type Name)	(Date)
5)	Arnab Roy	Arnab ROY	9/10/2020
	(Signature)	(Type Name)	(Date)

Attorney Docket No.: F1423.10482US01

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chor Japan	me, Nakahara-ku, Kawasal	ki-shi, Kanagawa 211-8588	
(hereinafter, "ASSIGNEE"), the receip hereby sells, assigns and transfers to invention entitled (Title of Invention) DATA CLUSTERING			
relating to International Patent App Letters Patent of the United States wa		and/or for which application for th or, if not so executed, was:	
(a) executed on	concurrenti	of execution of application, if no	
Serial No		Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.	
and to said application and all Letters continuation, division, renewal, substitull term or terms for which the said thereof (collectively, hereinafter, "said The ASSIGNOR agree(s), when requot said ASSIGNEE, to do all acts which securing, maintaining and enforcing prosecution of said application(s) and reexamination, or public use proceeding to be declared in relation to same, including separate assignments and and obtaining and producing evidence IN WITNESS WHEREOF, the under	titute, reissue or reexamination and Letters Patent(s) may be grant application(s) and Letters Pater usested by said ASSIGNEE and with the ASSIGNEE may deem neongerous protection for said invention, if the issuance of said Letters Patering, and in any litigation or other such acts to include but not be declarations, taking all rightful case.	application based thereon, for the ted and including any extensions at(s)"). Althout charge to but at the expense essary, desirable or expedient, for including in the preparation and ent(s), in any interference, reissue, legal proceeding which may arise a limited to executing all papers, eaths, providing sworn testimony,	
1) (Signature)	Osman Asif MALIK (Type Name)	4 September 2020 (Date)	
2)	Hayato USHIJIMA	inger	
(Signature)	(Type Name)	(Date)	
3)	Avradip MANDAL		
(Signature)	(Type Name)	(Date)	
	1/2		

PATENT REEL: 053762 FRAME: 0942

4) 4	3. Ghosk.	Indradeep GHOSH	9/9/2020
	(Signature)	(Type Name)	(Date)
5)		Arnab ROY	
	(Signature)	(Type Name)	(Date)

PATENT REEL: 053762 FRAME: 0943

RECORDED: 09/14/2020