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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Songfeng Guo	09/09/2021
Shengwen Qi	09/09/2021
Ming Cai	09/09/2021
Yanjun Shang	09/09/2021
Qingze Hao	09/09/2021
Haijun Zhao	09/09/2021
Zhendong Cui	09/09/2021
Lei Xue	09/09/2021
Xueliang Wang	09/09/2021
Zhaobin Zhang	09/09/2021
Xiaolin Huang	09/09/2021
Ning Liang	09/09/2021
Bowen Zheng	09/09/2021
Yu Zou	09/09/2021
Xin Wang	09/09/2021
Xiaokun Hou	09/09/2021
Shuaihua Song	09/09/2021
Feng Xiong	09/09/2021
Yongchao Li	09/09/2021
Lina Ma	09/09/2021
Fengjiao Tang	09/09/2021
XIN WANG	09/09/2021
Libo Jiang	09/09/2021
Jinxuan Li	09/09/2021
Yidong Xiao	09/09/2021

RECEIVING PARTY DATA

Name:	INSTITUTE OF GEOLOGY AND GEOPHYSICS
Street Address:	NO. 19, BEITUCHENG WEST ROAD, CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17474204

CORRESPONDENCE DATA

Fax Number: (703)880-7487

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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Email: assignment@WPAT.COM

Correspondent Name: WPAT, PC INTELLECTUAL PROPERTY ATTORNEYS

Address Line 1: 8230 BOONE BLVD, SUITE 405

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	91024-262
NAME OF SUBMITTER:	JUSTIN KING
SIGNATURE:	/Justin King/
DATE SIGNED:	09/14/2021

Total Attachments: 4

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ASSIGNMENT

WHEREAS, ASSIGNOR,

, residing at	NO. 3, NANYITIAO ZHONGGUANCUN,
	HAIDIAN DISTRICT, BEIJING, P.R. CHINA
, residing at	NO. 19, ZHONGGUANCUN ROAD, HAIDIAN
000000000 (1) W00000 (1) (2)	DISTRICT, BEIJING, P.R.CHINA
, residing at	935 RAMSEY LAKE RD. SUDBURY, ONTARIO,
2000E	CANADA
, residing at	NO. 19, BEITUCHENG WESTERN ROAD,
	CHAOYANG DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 1759, MINGXI ROAD, BEIHUKEJIKAIFA
000 00 00 00 00 00 00 00 00 00 00 00 00	DISTRICT, CHANGCHUN, JILIN, P.R. CHINA
, residing at	NO. 19, BEITUCHENG WESTERN ROAD,
	CHAOYANG DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 19, BEITUCHENG WESTERN ROAD,
	CHAOYANG DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 19, BEITUCHENG WESTERN ROAD,
	CHAOYANG DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 19, BEITUCHENG WESTERN ROAD,
	CHAOYANG DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 19, BEITUCHENG WESTERN ROAD,
	CHAOYANG DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 1 BUILDING, HUAYANLI, CHAOYANG
	DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 1 BUILDING, HUAYANLI, CHAOYANG
	DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 1 BUILDING, HUAYANLI, CHAOYANG
C	DISTRICT, BEIJING, P.R.CHINA
residing at	NO. 3, NANYITIAO ZHONGGUANCUN,
~	HAIDIAN DISTRICT, BEIJING, P.R.CHINA
residing at	NO. 3-11, WENHUA ROAD, HEPING DISTRICT,
	SHENYANG, P. R. CHINA
residing at	NO. 1 BUILDING, HUAYANLI, CHAOYANG
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DISTRICT, BEIJING, P.R.CHINA
residing at	NO. 1 BUILDING, HUAYANLI, CHAOYANG
, , vo. v	DISTRICT, BEIJING, P.R.CHINA
recidino at	NO.20 CHENGFU ROAD HAIDIAN DISTRICT.
, residing at	BELING, P.R. CHINA
earleine at	NO. 1 BUILDING, HUAYANLI, CHAOYANG
, reasonig at	DISTRICT, BEIJING, P.R.CHINA
racidina of	NO. I BUILDING, HUAYANLI, CHAOYANG
, restaing at	DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 3, NANYITIAO ZHONGGUANCUN,
	HAIDIAN DISTRICT, BEIJING, P.R.CHINA
, residing at	NO. 1759, MINGXI ROAD, BEIHUKEJIKAIFA
	DISTRICT, CHANGCHUN, JILIN, P.R. CHINA
	, residing at

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23. JIANG, LIBO	, residing at	NO. 1759, MINGXI ROAD,BEIHUKEJIK. DISTRICT, CHANGCHUN, JILIN, P.R. C	
24. LI, JINXUAN	, residing at	NO. 19, BEITUCHENG WESTERN ROAI CHAOYANG DISTRICT, BEIJING, P.R.C	Э,
25. XIAO, YIDONG	, residing at	NO. 3, NANYITIAO ZHONGGUANCUN HAIDIAN	
(collectively referred to as ASS	IGNOR),		
[x] is concurrently filed herewi		h Application No;	
AND, ASSIGNEE,	- 18		
I. INSTITUTE OF GEOLOGY AND GEOPHYSICS	(, having (offices at 19 BEITUCHENG WEST CHAOYANG DISTRICT, B	
2	, having	iffices at	
(collectively referred to as ASSI desires to own ASSIGNOR's en the above-described U.S. patent	itire right, title, a	nd interest in and to the invention and in and t	O

NOW THEREFORE, be it known for one U.S. dollar (US\$1) and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR hereby assigns, transfers and sets over to ASSIGNEE, its lawful successors and assigns, ASSIGNOR's entire right, title, and interest in and to the invention and the U.S. patent application as described above, and other patent application, including but not limited to any continuing application, directed or to be directed to the invention, and all Letters Patent of the United States that may be granted therein, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application; and all applications for Letters Patent that may be filed for the invention in any other country and all Letters Patent that may be granted on the invention in any other country, and all extensions, renewals, reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States and any official of any other country whose duty is to issue patents on patent applications, to issue all Letters Patent for this invention to ASSIGNEE, its successors and assigns, in accordance with the terms of this

AND, ASSIGNOR HEREBY further covenants that ASSINOR has the full right to convey the interest assigned by this Assignment, ASSIGNOR will take all action and execute all documents necessary to perfect the interest assigned hereby, and ASSIGNOR has not executed and will not execute any agreement in conflict with this Assignment;

Assignment;

AND, ASSIGNOR HEREBY further covenants and agrees that ASSIGNOR will, without further consideration, communicate with ASSIGNEE, its successors and assigns, any facts known to ASSIGNOR respecting the invention and testify in any legal proceeding, sign all lawful papers that may be necessary or desirable to perfect the title to the invention in said ASSIGNEE, its successors and assigns, execute all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors and assigns, to prosecute any patent application described above and obtain and enforce proper patent protection for the invention in the United States and in any other country, it being understood that any expense incident to the execution of such papers shall be borne by ASSIGNEE, its successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has executed his Assignment the day and year below written.

[GUÖ, SÖNGFENG]	Date: 2021-09-09
净度文 [QI, SHENGWEN]	Date: 2021-09-09
表面 [CAI, MING]	Date: 2021-09-09
ISHANG, YANJUN]	Date: 2021-09-09
がなけ [HAO, QINGZE]	Date: 2021-09-09
赵海星 [ZHAO, HALJUN]	Date: 2021-09-09
CUL ZHENDONG]	Date: 2021-09-09
[XUE, LEI]	Date: 2021-09-09
王常良 [WANG, XUELIANG]	Date: 2021-09-09
ZK BAHA [ZHANG, ZHAOBIN]	Date: 2021-09-09
发放水 [HUANG, XIAOLIN]	Date: 2021-09-09

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浸值 [LIANG, NING]	Date: _2021-09-09
43.博文	Date: _2021-09-09
[ZHENG', BOWEN] [SP]	Date: 2021-09-09
[ZOU, YU] γ Z μής	Date: 2021-09-09
[WANG, XIN] 夜晚中	Date: 2021-09-09
[HOU, XĨAÓKUN] 深小华	Date: 2021-09-09
[SONG, SHUAIHUA] 概 雌	Date: 2021-09-09
[XIONG , FENG,] 本分数 [LI, YONGCHAO]	Date: 2021-09-09
BAAB [MA, LINA]	Date: 2021-09-09
RAUG [TANG, FENGJIAO]	Date: 2021-09-09
王家 [WANG, XIN]	Date: 2021-09-09
差立版 [JIANG, LIBO]	Date: 2021-09-09
TX & ST [LI, JINX JAN]	Date: 2021-09-09
有易女 [XIAO, YIDONG]	Date: 2021-09-09

PATENT REEL: 057472 FRAME: 0566

RECORDED: 09/14/2021