PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI LIU	02/01/2023
YU NIU	02/01/2023
ZIREN LUO	02/01/2023

RECEIVING PARTY DATA

Name:	INSTITUTE OF MECHANICS, CHINESE ACADEMY OF SCIENCES
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State/Country:	CHINA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18019485

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Fax Number:

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NAME OF SUBMITTER:	GOKALP BAYRAMOGLU	
SIGNATURE:	/GOKALP BAYRAMOGLU/	
DATE SIGNED:	02/03/2023	

Total Attachments: 2

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> **PATENT REEL: 062578 FRAME: 0516** 507729893

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

Insert Date of Filing of

Application

(13)

(1) Wei LIU

(2) Yu NIU

(3) Ziren LUO

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

INSTITUTE OF MECHANICS, CHINESE ACADEMY OF Insert name of Assignee **SCIENCES** (10) Insert state of incorporation of (10) China Assignee (11) No.15 Beisihuanxi Road Beijing 100097 (CN) (11) Insert address of Assignee (hereinafter designated as the Assignee) the entire right, title, interest, and patent applications and patents within the United States, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and subject matter contained in Insert Identification of (12) SINGLE ION DETECTION METHOD AND DEVICE (12)Invention, such as Title, Case Number or Foreign Application Number

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or division applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

(13) Application is attached hereto.

- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
 - *6)* The undersigned hereby grant(s)

Gokalp Bayramoghi, Reg.No. 66305

the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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Date 2/- 2023	Wei Liu
Date 2. /- ,20,23	Ju Nin Yu NIU
Date <u>2./.2023</u>	Ziren Luo Ziren Luo