

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANLING WANG	09/12/2019
QIFENG ZHANG	09/12/2019
RECEIVING PARTY DATA	
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State/Country:	NORTH DAKOTA
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16562104
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ATTORNEY DOCKET NUMBER:	NO137-573US-U
NAME OF SUBMITTER:	SUSAN PYLES
SIGNATURE:	/susan pyles/
DATE SIGNED:	09/13/2019
Total Attachments: 3	
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ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

WHEREAS, I, Danling Wang, of Fargo, North Dakota, have invented certain improvements in LOW COST DIABETES BREATH ANALYZER BASED ON NANOSTRUCTURED $K_2W_7O_{22}$ MATERIAL and have executed an application for Letters Patent therefor, namely U.S. Application Serial No. 16/562,104, filed on September 5, 2019;

WHEREAS, I, Qifeng Zhang, of Fargo, North Dakota, have invented certain improvements in LOW COST DIABETES BREATH ANALYZER BASED ON NANOSTRUCTURED $K_2W_7O_{22}$ MATERIAL and have executed an application for Letters Patent therefor, namely U.S. Application Serial No. 16/562,104, filed on September 5, 2019; and

WHEREAS, at such time as the undersigned made the invention, he/she was under an obligation to assign rights to North Dakota State University, a North Dakota educational institution having offices at Old Main 102, Dept. No. 1000, P.O. Box 6050, Fargo, North Dakota 58108-6050.

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned have sold, assigned, and transferred, and by these presents does sell, assign, and transfer to North Dakota State University, its heirs, successors, legal representatives, and assigns (hereinafter designated as the Assignee) the entire right, title, and interest of the undersigned in and to said invention, said application, and in and to any Letters Patent(s) that may be granted therefor in the United States of America, its territories, dependencies, and possessions, and in any and all foreign countries, including rights of priority under the International Convention of Paris (1883) as amended; and to any and all utility applications claiming priority thereto and any and all divisions, reissues, continuations, continuation-in-parts, conversions, and extensions thereof for the full term or terms for which the same may be granted in the United States of America or any foreign country.

The undersigned agree that the Assignee may apply for domestic and foreign Letters Patent on the invention, and agree to cooperate with the Assignee, and to execute without additional consideration any additional documents as deemed necessary by the Assignee to apply for or maintain patents or other legal protection for the invention in any country of the world.

The undersigned agree to execute all papers necessary in connection with this application and any divisions, reissues, continuations, continuation-in-parts, conversions and extensions thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree to execute all papers necessary in connection with any interference which may be declared concerning this application or divisions, reissues, continuations, continuation-in-parts, conversions and extensions thereof or Letters Patent or reissue patent issued thereon and to cooperate with the Assignee in obtaining and producing evidence and proceeding with such interference.

The undersigned agree to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.


The undersigned hereby authorize and request the officials of the U.S. Patent and Trademark Office and in any foreign countries to issue any and all Letters Patent resulting from said application or any divisions, reissues, continuations, continuation-in-parts, conversions and extensions thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he/she have not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned also grant the law firm of Stites & Harbison, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to

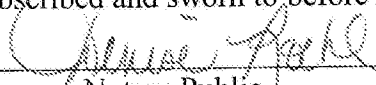
comply with the rules of the U.S. Patent and Trademark Office for recordation of this document, including serial numbers and filing dates above.

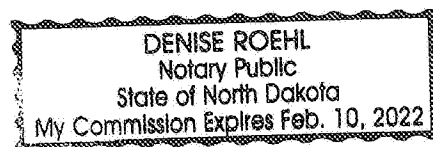
Signed and sealed at Fargo, ND on Sept 12, 2019.


Danling Wang

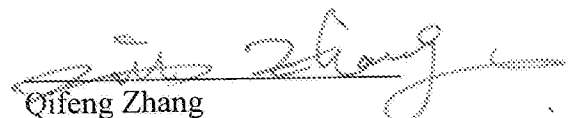
State of North Dakota
County of Cass

Subscribed and sworn to before me this 12th day of September 2019.


Notary Public
My Commission expires _____.

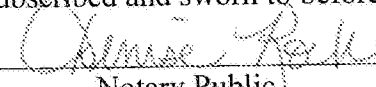


Signed and sealed at Fargo, ND on Sept 12, 2019.


Qifeng Zhang

State of North Dakota
County of Cass

Subscribed and sworn to before me this 12th day of September 2019.


Notary Public
My Commission expires _____.

