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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
FERREL D. MOORE	02/19/2019
JAMES R. MOORE	02/19/2019

RECEIVING PARTY DATA

Name:	IDEAL RESEARCH LABORATORIES, INC.
Street Address:	2750 OAKWOOD BLVD.
City:	MELVINDALE
State/Country:	MICHIGAN
Postal Code:	48122

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16357017

CORRESPONDENCE DATA

Fax Number: (314)863-9388

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.

314-863-0800 Phone:

Email: stl.uspatents@stinson.com Correspondent Name: STINSON LEONARD STREET Address Line 1: 7700 FORSYTH BLVD., SUITE 1100

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER:	KRL 8588.US (DSS)
NAME OF SUBMITTER:	DEBRA S. STAAS
SIGNATURE:	/Debra S. Staas/
DATE SIGNED:	03/18/2019

Total Attachments: 4

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PATENT REEL: 048628 FRAME: 0132 505380732

ASSIGNMENT

WHEREAS, We, Ferrel D. Moore of Lincoln Park, Michigan, and James R. Moore of Dearborn, Michigan, have invented an improvement in OXYGEN SENSOR TEST DEVICE AND METHOD OF TESTING OXYGEN SENSOR (KRL 8588.US) and have executed an application for a United States patent based thereon simultaneously herewith;

AND, WHEREAS, Ideal Research Laboratories, LLC of Melvindale, Michigan, a corporation of the State of Michigan (hereinafter referred to as "ASSIGNEE") is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, we have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest, including the right to claim priority, in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including provisional, non-provisional, divisional, continuing, or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said interest been made;

AND We hereby authorize and request the Director of the United States Patent and Trademark Office of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

AND We hereby jointly and severally agree for ourselves and for our respective heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any provisional, non-provisional, divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

and our respective legal representatives that we have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed our right, title and interest in said invention had not been otherwise encumbered, and that we have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, we have hereunto set our hands.

STATE OF Milyan

COUNTY OF .

On this May of Servey, 2019, before me, a Notary Public, personally appeared Ferrel D. Moore to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Notary Public

My Commission Expires:

7-10-2027

CHRISTOPHER J AGRUSA
Notary Public – State of Michigan
County of Wayne
My Commission Expires Jul 10, 2023
Acting In the County of

02/19/1	9
Date	

James R. Moore

COUNTY OF WAYNE

On this 19 day of 12 me, 2019, before me, a Notary Public, personally appeared James R. Moore to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal and the date and year last above written.

Notary Publica

My Commission Expires:

7.10.2023

CHRISTOPHER J AGRUSA
Notary Public -- State of Michigan
County of Wayne
My Commission Expires Jul 10, 2023
Acting in the County of

KFJ/dss