OMB No. 0651-0027 (exp. 03/31/2009)	U.S. DEPARTMENT OF COMMERCE, United States Patent and Trademark Office			
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
Name of conveying party(ies)	2. Name and address of receiving party(ies)			
ALL PARTIES ON ATTACHED SHEET	Name: J.A. WOOLLAM CO., INC.			
January Bridge	Internal Address:			
Additional name(s) of conveying party(ies) attached? Wyes No				
3. Nature of conveyance/Execution Date(s):	Street Address: 645 M St.			
Execution Date(s) 2/18, 2/19/, 2/22, 3/21, 3/26				
Assignment Merger 2021	LINCOLN			
Security Agreement Change of Name	City:			
Joint Research Agreement	State:			
Government Interest Assignment	Country: NEBRASKA Zip: 68508			
Executive Order 9424, Confirmatory License				
4. Application or patent number(s):	Additional name(s) & address(es) attached? Yes 👪 No			
A. Patent Application No.(s)	document is being filed together with a new application.			
• •	B. Patent No.(s)			
17/300,091				
Additional numbers att	ached? Yes No			
5. Name and address to whom correspondence				
concerning document should be mailed:	6. Total number of applications and patents involved: ONE			
Name: JAMES D. WELCH	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 50.00			
Internal Address:	<u> </u>			
· · · · · · · · · · · · · · · · · · ·	Authorized to be charged to deposit account			
Street Address: 10328 PINEHURST AVE.	Enclosed Enclosed			
	None required (government interest not affecting title)			
City:	8. Payment Information			
State: <u>NE</u> Zip: 68124				
Phone Number: 402-391-4448				
Fax Number: 402-391-4448	Deposit Account Number			
Email Address: JDWSCMOS1@NETZERO.NET	Authorized User Name			
9. Signature:	3/31/2021			
Sighature	Date			
JAMES D. WELCH	Total number of pages including cover			

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REEL: 055825 FRAME: 0834

INVENTORS:

STEFAN SCHOECHE

MARTIN M. LIPHARDT

JEREMY A. VAN DERSLICE

MARTIN M. LIPHARDT

PING HE

CRAIG M. HERZINGER

JEFFREY S. HALE

BRIAN D. GUENTHER

DUANE E. MEYER

JOHN A. WOOLLAM

JAMES D. WELCH

PATENT REEL: 055825 FRAME: 0835 ASSIGNMENT
WHEREAS WE, JEREMY A. VAN DERSLICE, MARTIN M. LIPHARDT, PING HE,
STEFAN SCHOECHE, CRAIG M. HERZINGER, JEFFREY S. HALE, BRIAN D.
STEFAN SCHOECHE, CRAIG M. HERZINGER, JEFFREY S. HALE, BRIAN D.
GUENTHER, DUANE E. MEYER, JOHN A. WOOLLAM AND JAMES D. WELCH are

the Inventors of the invention titled: "REFLECTOMETER,
SPECTROPHOTOMETER, ELLIPSOMETER AND POLARIMETER SYSTEMS WITH A
SUPER CONTINUUM LASER SOURCE OF A BEAM OF ELECTROMAGNETISM, AND
IMPROVED DETECTOR SYSTEM"; and

WHEREAS WE are the owners of record of a United States Patent Application of the title recited above which is being submitted to the United States Patent Office, the Serial Number of which in 17/300,091; (to be filled-in when available), and

WHEREAS WE might pursue Foreign Patent Applications under the Cooperation Treaty and directly in Non-Member Nations which concern the same Invention and Improvements thereto; and

WHEREAS WE are, under the terms of an Agreement or Employment Contract with the J.A. WOOLLAM CO. INC., obligated to assign any and all Patent Applications and Patents which Issue thereon, Domestic and Foreign, Present and Future for said Invention and Improvements thereto to the J.A. WOOLLAM CO. INC.; and

WHEREAS the J.A. WOOLLAM CO. INC. is desirous of accepting an Assignment of any and all interest in said Application(s) for Patent(s) and Patent(s) which Issue thereon, Domestic and Foreign, Present and Future as provided for in said Agreement or Employment Contract with the Inventors;

NOW THEREFORE, in recognition of the receipt of One Dollar (\$1.00) and other good, valuable and sufficient consideration received from J.A. WOOLLAM CO. INC., WE, JEREMY A. VAN DERSLICE, MARTIN M. LIPHARDT, PING HE, STEFAN SCHOECHE, CRAIG M. HERZINGER, JEFFREY S. HALE, BRIAN D. GUENTHER, DUANE E. MEYER, JOHN A. WOOLLAM and JAMES D. WELCH do:

1. Hereby Sell, Assign, Transfer and/or otherwise Set Over Without Reservation and Conditions other than those recited herein, to the J.A. WOOLLAM CO. INC., its Legal Representatives, Successors, Assigns etc. the entire interest in the Rights and Title to any Patent Applications and Patents which Issue thereon, Domestic and Foreign, Present and Future, for said Invention and Improvements; so that the J.A. WOOLLAM CO. INC. shall hereafter own all Rights and Title as fully and completely as I would have owned said Rights and Title were the present Assignment not made, with the full understanding that the entire Rights and Title to said Invention shall immediately vest, irrevocably, in the J. A. WOOLLAM CO. INC., its Legal Representatives, Successors, Assigns

PATENT

REEL: 055825 FRAME: 0836

- 2. Agree to execute all future documents as may be necessary to acquire issue of the Patent Application and additional Patents Applications for said Invention, and Improvements thereto, in the United States and in Foreign Countries.
- 3. Request that the Commissioner of Patents and Trademarks in the United States and the equivalent in Foreign Countries issue United States Patent Application, Serial Number 17/300,091, (to be filled-in when available), and such additional Patent Applications, Domestic or Foreign which result from future Patent Cooperation Treaty Patent Application, Foreign or Domestic Patent Applications to the J. A. WOOLLAM CO. INC., its Legal Representatives, Successors, Assigns etc., as the case might at the Issue Date thereof.
- 4. Agree that we will, at no time, do anything to jeopardize the validity of any Patent or Patent Application, Domestic or Foreign, Present or Future other than as necessitated by the duty of Truthful Disclosure required during the normal course of Patent Application Prosecution or Litigation before an Examining or Judicial Authority.

IN AGREEMENT WITH THE FOREGOING, WE JEREMY A. VAN DERSLICE, MARTIN M. LIPHARDT, PING HE, STEFAN SCHOECHE, CRAIG M. HERZINGER, JEFFREY S. HALE, BRIAN D. GUENTHER, DUANE E. MEYER, JOHN A. WOOLLAM and JAMES D. WELCH AS INVENTORS, HEREBY WILLINGLY AND FREELY, IN RECOGNITION OF GOOD, VALUABLE AND SUFFICIENT CONSIDERATION RECEIVED FROM THE J.A. WOOLLAM CO. INC. AND I, JOHN A. WOOLLAM, AS PRESIDENT OF THE J.A. WOOLLAM CO. INC., AFFIX OUR SIGNATURES TO EFFECT THE TERMS OF THIS ASSIGNMENT, SAID SIGNATURES EACH BEING AFFIXED IN THE PRESENCE OF A NOTARY PUBLIC.

SIGNATURES EACH BEING AFFI JEREMY A. VAN DERSLICE INVENTOR	ZED IN 2/2/ DATE	MARTIN M. LIPHARDT INVENTOR	2-18-2 DATE
NOTARY PUBLIC ()	2-21 DATE	NOTARY PUBLIC	2/18/2 DATE 02/18/21
JOHN A. WOOLLAM INVENTOR AND PRESIDENT OF J.A. WOOLLAM CO. INC.	DATE THE	STEFAN SCHOECHE INVENTOR	DATE
NOTARY PUBLIC	DATE	NOTARY PUBLIC	2/18/21 DATE

GENERAL NOTARY - State of Nebraska LISA M. HUFF My Comm. Exp. August 18, 2024 GENERAL NOTARY - State of Nebraska LISA M. HUFF My Comm. Exp. August 18, 2024

- 2. Agree to execute all future documents as may be necessary to acquire issue of the Patent Application and additional Patents Applications for said Invention, and Improvements thereto, in the United States and in Poreign Countries.
- 3. Request that the Commissioner of Patents and Trademarks in the United States and the equivalent in Foreign Countries Issue United States Patent Application, Serial Number 16/ , (to be filled-in when available), and such additional Patent Applications, Domestic or Fozeign which result from future Patent Cooperation Treaty Patent Application, Foreign or Domestic Patent Applications to the J. A. WOOLLIM CO. INC., its Legal Representatives, Successors, Assigns etc., as the case might at the Issue Date thereof.
- 4. Agree that we will, at no time, do anything to jeoperdize the validity of any Patent or Patent Application, Domestic of Poreign, Present or Future other than as becassitated by the duty of Truthful Disclosure required during the normal source of Patent Application Prosecution or Litigation before an Examining or Judicial Authority.

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JEREMY A. VAN DERSLICE INVENTOR	DATE	MARTIN M. LIPHARDT INVENTOR	DATE
NOTARY PUBLIC	DATE	NOTARY PUBLIC	DATE
John Bevollen	3/2/2	I	ومنعضية محافظت فيترو والمتاولية
JOHN A. WOOLLAM INVENTOR AND PRESIDENT OF J.A. WOOLLAM CO. INC.	DATE THE	STRFAN SCHOECHE LUVENTOR	DATE
Tien metall 3-	2-2021		
NOTARY PUBLIC J	DATE	NOTARY PUBLIC	DAȚE

GENERAL NOTARY - State of Nebraska LISA M. HUFF My Comm. Exp. August 18, 2024



PING HE DATE INVENTOR	Craig M. HERZINGER DATE INVENTOR
NOTARY PUBLIC DATE	NOTARY PUBLIC DATE
JEFFREY S. HALE DATE INVENTOR	BRIAN D. GUENTHER DATE INVENTOR
NOTARY PUBLIC DATE	NOTARY PUBLIC DATE
DUANE E. MEYER DATE INVENTOR	JAMES D. WELCH DATE DATE
NOTARY PUBLIC DATE	Statemen 3-26-262, NOTARY PUBLIC DATE
GENERAL NOTARY - State of Nebraska LISA M. HUFF My Comm. Exp. August 18, 2024	GENERAL NOTARY - State of Nebraska ERIC HANSEN My Comm. Exp. September 20, 2022

RECORDED: 04/02/2021 REEL: 055825 FRAME: 0839