Interestings of of \textsquare	name and address of receiving party(les)  Name:
1. Name of conveying party(los):  MARTIN M. LIPHARDT  Additional name(s) of conveying party(los) attached? © Yes © No	Name and address of rocolving party(les)  Name:
1. Name of conveying party(los):  MARTIN M. LIPHARDT  Additional name(s) of conveying party(los) attached? O Yes & Ho	Name: J.A. WOOLLAM CO., INC. Internal Address:
A.Filikanal name(s) of conveying party(les) attached? C Yes & Ho	Internal Address:
A Cinture of conveyance:	Stroet Address: 645 M ST.
	Stroot Address: 645 M ST.
R Assignment U Merger	
Ci Security Agreement Ci Change of Name	T.T.V.COT.N NE 69509
U Other	Clly: LINCOLN State: NE ZIP: 68508
Execution Date: DEC. 18, 2007	Additional name(s) & address(ss) effectivel? (2 Yes (2) No.
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, th	ne execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
12/002,650	
, Additional numbers attach	APR = 7
5. Unmo and address of party to whom correspondence concerning document should be mailed:	8. Total number of applications and patents involved:
Mamo: JAMES D. WELCH	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address:	Enclosed
	Cl Authorized to be charged to deposit account
Straat Address: 10328 PINFHURST AVE.	8. Deposit account number:
City: OMAHA State: NE ZIP: 68124	(Attach duplicate copy of this page if paying by deposit account)
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing information original document.	ation is the ind correct and any attached capy is a true or
JAMES D. WELCH	4/02/09
Name of Person Signing	Bignature 3 Data
Total number of pages including of Mail documents to be recorded within	pover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT

REEL: 022491 FRAME: 0465

## **ASSIGNMENT**

WHEREAS I, MARTIN M. LIPHARDT am the Inventor of the invention titled "APPLICATION OF DIGITAL LIGHT PROCESSOR IN SCANNING SPECTROMETER AND IMAGING ELLIPSOMETER AND THE LIKE SYSTEMS"; and

WHEREAS I am the owner 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 is 12/002,650; (to be filled-in when available), and

WHEREAS I 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 I am, 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 Inventor;

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., I MARTIN M. LIPHARDT, 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 etc.
- 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

12/002/650

PATENT REEL: 022491 FRAME: 0466 United States and the equivalent in Foreign Countries issue United States Patent Application, Serial Number 12/002,650 , (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 I 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, I, MARTIN M. LIPHARDT AS INVENTOR, 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.

MARTIN M. LIPHARDT

INVENTOR

DATE

BRANDY J. POOLE

12-18-07

MY COMMISSION EXPIRES March 17, 2008

NOTARY PUBLIC

שתית

+ Rigardia

*12-18-07* DATE

BRANDY J. POOLE MY COMMISSION EXPIRES March 17, 2008

PRESIDENT OF

THE J.A. WOOLLAM CO. INC.

PATENT

**REEL: 022491 FRAME: 0467** 

**RECORDED: 04/07/2009**