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Tab sattings □ □ □ ▼		
The state of the s		attached original documents or copy themes.
1. Name of conveying party(los):		and address of receiving party(les)
GALEN L. PFEIFFER MARTIN M. LIP JAMES N. HILFIKER	· 1	me: J.A. WOOLLAM CO., INC.
Affiliant name(s) of conveying party(les) attached? Q Yes	E No	
A. Thiture of conveyance:		
✓ ■ Assignment U Merg	ger <sup>:</sup> Sti	oel Address: 645 M ST.
Cha Socurity Agreement Cl Cha	nge of Name	
U Other	Cli	y: LINCOLN State: NE ZIP: 68508
Execution Date: FEB. 21, 2008	Ad	old 17 no Y Cl Shorbotte (sa)esesthha & (s)eman lanolith
4. Application number(s) or patent number(s):		
If this document is being filed together with a	new application, the ex	ecution date of the application is:
A. Patent Application No.(s)	.   B	. Patent No.(s)
12/070,824	ditional numbers attached? C	APR -7
Name and address of party to whom corresp concoming document should be mailed:	ondence 8. T	otal number of applications and patents involved:
tiamo: JAMES D. WELCH	~ 7	Catalog (97 CED 9 41)
Internal Address:	/.	Total fee (37 CFR 3.41)\$ 40.00
		Authorized to be charged to deposit account
Stroot Address: 10328 PINEHURS	ST AVE. 8. I	Deposit account number:
City: OMAHA State: NE	ZIP: 68124	(Allach duplicate copy of this page if paying by deposit econent)
	DO NOT UBE THIS	BPACE
9. Statement and signature. To the best of my knowledge and belief, the	o foregoing information i	s true and correct and any attached copy is a true copy
ine-onginal document.	$A \wedge A$	O(l)
JAMES D. WELCH Name of Person Signing	HIN Chy	4/02/09
	Signal Si	ture heet, attachments, and document:
Méli documents t		dooversheet information to:

PATENT REEL: 022491 FRAME: 0448

## ASSIGNMENT

WHEREAS WE, GALEN L. PFEIFFER; MARTIN M. LIPHARDT; and JAMES N. HILFIKER are the Inventors of the invention titled "SYSTEM FOR CONTROLLING INTENSITY OF ELECTROMAGNETIC RADIATION AND METHOD FOR INVESTIGATING MATERIALS WITH LOW SPECULAR REFLECTANCE AND/OR ARE DEPOLARIZING"; 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 is 12/070,824; (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 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., WE GALEN L. PFEIFFER; MARTIN M. LIPHARDT; and JAMES N. HILFIKER 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.

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- 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 12/070,824, (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, WE, GALEN L. PFEIFFER; MARTIN M. LIPHARDT AND JAMES N. HILFIKER 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.

L. PEZFER INVENTOR

LIPHARDT MARTIN M.

INVENTOR

2121108

NOT/ARY PUBLIC

PRESIDENT OF

NOTARY PUBLIC

J.A. WOOLLAM CO. INC.

JAMES N.

PUBLIC

INVENTOR

PUBLIC

THE

NOTARY

**PATENT** RECORDED: 04/07/2009 REEL: 022491 FRAME: 0450