FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

06-24-1998

U.S. Department of Commerce Patent and Trademark Office

PATENT

PAGE 1 of 3

art. of 1st blass MD

	• 194	100745401		DOCKE	ET NO. 1-13586
1 10 60	RECOKU	A'IION FORM CO	OVER SHEET	Γ	
6-10-98	missioner of Patents and Trademar	PATENTS ON	LY attached origin	al day man	
Submission	Type	Conveyance Ty	/pe		TO TOP TOP TOP TOP TOP TOP TOP TOP TOP T
X New		X Assignment	• —	ity Agreeme	nt JUN 15
Resubm Docume	ission (Non-Recordation) nt ID#	License	Chang	ge of Manue	ןשו
Correcti Reel #	on of PTO Error Frame #	Merger	U.S. Gove		
	ve Document		Use ONLY by U.S. G	overnment Ager	
Reel #	Frame #		epartmental Fil		Secret File
Conveying		Mark if addition	al names of conve	ying parties at	tached Execution Date Month Day Year
Name (line 1)	RICHARD J. McCURDY				06091998
Name (line 2)					Execution Date
Second Party	MICHEL J. SOUBEYRAN	D			Month Day Year 06091998
Name (line 1)	MICHEL J. SOUBLIKAN				00091990
Name (line 2)					
Receiving	Party		Mark if additional	names of rece	iving parties attached
Name (line 1	LIBBEY-OWENS-FORD C	0.			if document to be recorded is an assignment and the
Name (line 2	A CORPORATION OF DELAWARE receiving party is not domiciled in the United States, an appointment				
Address (line 1)	8 11 MADISON AVENUE of a domestic representative is attached. (Designation must be a				
Address (line 2					separate document from Assignment.)
Address (line 3	TOLEDO	OHIO State/Country		43697 Zip Code	
Domestic Representative Name and Address Enter for the first Receiving Party only.					
Name			* * * * * * * * * * * * * * * * * * * *		
Address (line 1					
Address (line 2					
Address (line 3					8
Address (line 4				7.8	7 ()
Address (line 4) FOR OFFICE USE ONLY					Inst
				23,000000	TUE
	ting for this collection of information is estimated to a			<u> </u>	. 703

gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (6651-0027), Washington, D.C. 20503. See OMB information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to: (2021) Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 2021 PATENT

REEL: 9252 FRAME: 0495

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

PAGE 2 of 3

U.S. Department of Commerce Patent and Trademark Office PATENT

Conveying Pa	rtv(ies)	7			
Enter additional C		Mark if addit	tional names of conveying	parties attached	Execution Date Month Day Year
	ONALD D. GOODMAN				06091998
Name (line 2)					7
, - ,					Execution Date Month Day Year
Name (line 1)	ETER J. TAUSCH				06061998
Name (line 2)					Execution Date
Alama er er					Month Day Year
Name (line 1)					
Name (line 2)					
Receiving Pa	•		Mark if additional names	of receiving par	ties attached
	eceiving Party(ies)				
Name (line 1)					If document to be recorded is an assignment and the receiving party is not
Name (line 2)					domiciled in the United States, an appointment
Address (line 1)					of a domestic representative is attached. (Designation
Address alless		· · · · · · · · · · · · · · · · · · ·			must be a separate document from
Address (line 2)					Assignment.)
Address (line 3)	City		State/Country	Zip C	ode
B1	<u> </u>		-		
Name (line 1)					If document to be recorded is an assignment and the receiving party is not
Name (line 2)	L		 		domiciled in the United States, an appointment of a
Address (line 1)					domestic representative is attached. (Designation must
Address (line 2)					be a separate document from Assignment.)
Address (line 3)	City		State/Country	Zir	Code
Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).					
	tent Application Number or the tent Application Number (s		I (DOMOI ENIEK BOIN)	Patent Nun	· · · · · · · · · · · · · · · · · · ·
		 1			
				L	

 .			PAGE 3 of 3 —		
FORM PTO- Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Corresponde	ent Name and Address	Area Code and Telephone Number	(419) 249-7100		
Name [MARSHALL & MELHORN				
Address (line 1)	FOUR SEAGATE - 8TH	FLOOR			
Address (line 2)	TOLEDO, OHIO 43604				
Address (line 3)	ATTN: PHILLIP S. O	BERLIN			
Address (line 4)					
Pages	Enter the total number of pa including any attachments.	ges of the attached conveyance docum	ment #6		
• •	Number(s) or Patent Nun		additional numbers attached		
		Patent Number (DO NOT ENTER BOTH numbers			
06051799	tent Application Number(s)	Raten	nt Number(s)		
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was <u>Month Day Year</u> signed by the first named executing inventor.					
Patent Coop	peration Treaty (PCT)				
	er PCT application number	PCT PCT	PCT		
	y if a U.S. Application Numbe not been assigned.	PCT PCT PCT	PCT		
Number of I	Properties Enter the to	otal number of properties involved.	#		
Fee Amoun	t Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00		
	of Payment: Enc	losed XX Deposit Account			
	r payment by deposit account of ad	ditional fees can be charged to the account.) Deposit Account Number:	# 13-1816		
		Authorization to charge additional fees:	Yes X No		
Statement a	and Signature				
attaci	e best of my knowledge and b hed copy is a true copy of the ated herein.	pelief, the foregoing information is true original document) Charges to depos	and correct and any it account are authorized, as		
	S. OBERLIN ne of Person Signing	Signature	9/7/98 Date		

	•
Attorney's Docket No	5 PATENT
	For XX U.S. and/or XX Foreign Rights
	For: U.S. Application or
	XX U.S. Provisional Application
	For: U.S. Patent
	For: PCT Application
	By: XX Inventor(s) or ☐ Present Owner
ASSIGNME	ENT OF INVENTION
	SSIGNEE to ASSIGNOR of the sum of One Dollal acknowledged, and for other good and valuable
Inventor(s) or person(s) or	RICHARD J. McCURDY
entity(ies) who own the	(type or print name(s) of ASSIGNOR(S))
invention	2456 Barrington Drive
	Address Toledo, Ohio 43606
	U.S.A.
	Nationality
	ty to whom invention was previously assigned ded in PTO, add the following)
Recorded on	Reel
	Frame
hereby sells, assigns and transfers to	LIBBEY-OWENS-FORD CO.
ASSIGNEE:	(type or print name(s) of ASSIGNEE(S))

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page 1 of 6)

a corporation of the State of Delaware

PATENT REEL: 9252 FRAME: 0498

811 Madison Avenue

Toledo, Ohio 43697

Address

Nationality

1-13586		
Attorney's Docket No	PATENT	
	For: 🖺 U.S. and/or 🖺 Foreign Rights	
	For: U.S. Application or	
	U.S. Provisional Application	
	For: U.S. Patent	
	For: PCT Application	
	By: ဩ Inventor(s) or ☐ Present Owner	
ASSIGNMEN	T OF INVENTION	
	SIGNEE to ASSIGNOR of the sum of One Dolla cknowledged, and for other good and valuable	
nventor(s) or person(s) or	MICHEL J. SOUBEYRAND	
ntity(ies) who own the	(type or print name(s) of ASSIGNOR(S))	
	7935 North Shoreline Drive	
	Address Holland, Ohio 43528	
	Nationality	
	to whom invention was previously assigned of in PTO, add the following)	
Recorded on	Reel	
	Frame	
nereby sells, assigns and transfers to		
ASSIGNEE:	LIBBEY-OWENS-FORD CO.	
	(type or print name(s) of ASSIGNEE(S))	
	811 Madison Avenue	

Address

Nationality

Toledo, Ohio 43697

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page 2 of 6)

a corporation of the State of Delaware

Attorney's Docket No	1-13586	PATENT
	For: 🏧 U.:	S. and/orA Foreign Rights
	For: 🗌 U.:	S. Application or
		S. Provisional Application
	For: 🔲 U.S	
		CT Application ventor(s) or □ Present Owner
AG	SIGNMENT OF INV	
no	SIGNMENT OF INV	ENTION
		ASSIGNOR of the sum of One Dollar d, and for other good and valuable
Inventor(s) or person(s) or	RO	NALD D. GOODMAN
entity(ies) who own the	(type or prin	nt name(s) of ASSIGNOR(S))
invention	32	17 Glanzman Road, #B21
	Address To	oledo, Ohio 43614
	U.	S.A.
	Nationality	
, ,	on or entity to whom inv	vention was previously assigned dd the following)
Recorded on	Reel	
	Frame _	
hereby sells, assigns and trar	nsfers to	
ASSIGNEE:	LIBBEY	-OWENS-FORD CO.
	(type or prin	nt name(s) of ASSIGNEE(S))
	811 Ma	dison Avenue
	Address Toledo	o, Ohio 43697
	a corp	oration of the State of Delawa
	Nationality	

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page3 of 6)

Attorney's Docket No	1-13586	PATENT
	.*	For 🖾 U.S. and/or ဳ Foreign Rights For: 🗀 U.S. Application or
		XX U.S. Provisional Application
		For: U.S. Patent
		For: PCT Application
		By: χ̄χ̄ Inventor(s) or ☐ Present Owner
AS	SSIGNMENT	OF INVENTION
In consideration of the pay (\$1.00), the receipt of which consideration, ASSIGNOR:	ment by ASSI is hereby ack	GNEE to ASSIGNOR of the sum of One Dollar knowledged, and for other good and valuable
inventor(s) or person(s) or		PETER J. TAUSCH
entity(ies) who own the		(type or print name(s) of ASSIGNOR(S))
invention		457 Mallard Road
		Address
		Perrysburg, Ohio 43551
		U.S.A.
		Nationality
		o whom invention was previously assigned in PTO, add the following)
Recorded on		Reel
		Frame
hereby sells, assigns and tra	ansfers to	
ASSIGNEE:		LIBBEY-OWENS-FORD CO.
		(type or print name(s) of ASSIGNEE(S))
		811 Madison Avenue
		Address
		Toledo, Ohio 43697
		a corporation of the State of Delaware

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(Assignment of Invention [16-3]—page 4of6)

(complete one of the following)

the entire right, title and interest				
an undivided percent (%) interest				
for the United States and its territorial possessions				
(check the following box, if foreign rights are also to be assigned)				
and in all foreign countries, including all rights to claim priority,				
in and to any and all improvements which are disclosed in the invention entitled: ANTI-REFLECTIVE FILMS				
Name of inventor(s) Richard J. McCurdy, Michel J. Soubeyrand,				
Ronald D. Goodman and Peter J. Tausch				
(check and complete (a), (b), (c), (d), (e), (f) or (g))				
and which is found in				
(a) U.S. patent application executed on even date herewith.				
(b) U.S. patent application executed on				
(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.				
Express mail label no.:				
Mailed:				
To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.				
(d) XX U.S. application no. 60/051,799				
filed on July 7, 1997				
(e) International appliciation no. PCT///				
(f) U.S. patent no issued				
 A change of address to which correspondence is to be sent regarding paten maintenance fees is being sent separately. 				
(also check (g), if foreign application(s) is also being assigned)				
 (g) and any legal equivalent thereof in a foreign country, including the right to claim priority 				
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof				
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;				

(Assignment of Invention [16-3]—page 5 of 6)

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 6th & 9th day

of Jui	ne, 1998	
	ate of signing	
WARNII	NG: The date of signing must be the same checked above.	e as the date of execution of the application, if item (a) was
Date:	JUNE 9,1998	Mul My
Date:	Ju 9, 1998	Signature of ASSIGNOR(S) RICHARD J. McCURDY
Date:	Jue 9,1998	- Joseph Mills
Date:	ं Tem YF (if ASSIGNOR is a legal entity,	RONALD D. GOODMAN Poter & Taucol PETER J. TAUSCH complete the following information)
		(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)
		Title
NOTE:		is necessary. If the assignment is notarized or legalized, then cution. 35 USC 261. Use next page if notarization is desired.
	□ Notarization or □	Legalization Page Added.
		(Assignment of Invention [16-3]—page6 of6)