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FORM PTO-1595	REC REC		5-1999	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
1501506				97314-U.S		
To the Honorable Commiss	ioner of Patents and Trademarl		11055	py thereof.		
1. Name of conveying	party(ies):			of receiving party(ies):	010	
Emil S. Koteles Jian-Jun He	Boris Lamontagne André Delâge		Name:	National Research Council	Jc678 U.S. №10 09/363690	
Lynden E. Erickson	. mare Beinge		Internal Address:	Ottawa, Ontario, Canada	9/36	
Additional name(s) of conve	eying party(ies) attached? [] Yes	s [X] No	Street Address:	Montreal Road Building M58-EG12	100 100	
3. Nature of conveyance:				Ottawa, Ontario Canada		
[X] Assignment	[] Merger			K1A 0R6		
[] Security Agree	ement [] Change of I	Name				
[] Other						
Execution Date: July 28, 1999			Additional name(s) & ac	ddress(es) attached? [] Yes [X]	No	
4. Application number	r(s) or patent number(s):					
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ii this document is t	peing filed together with a n	iew application,	the execution date of the	e application is:		
	_	July 28, 1	999	10.00	,	
A: Patent Applica	ation No	B.	Patent No.(s)	9/343690	,	
71. Tatent Applied	Mon 110,	В.	1 atchi 1 (0.(3)	' (
	Additiona	al numbers attached	? [] Yes [X] No			
	of party to whom correspond nt should be mailed:	dence	6. Total number of app	plications and patents involved	1 :	
-			!	One		
Name:	Richard Mitchell Marks & Clerk			3.41) \$ 40.00		
			7. Total fee (37 CFR 3			
Internal Address:	Ottawa, Ontario CANAD	PA	[X] Enclosed			
Street Address:	P.O. Box 957 Station B		[] Authorized to	be charged to deposit account		
	Ottawa, Ontario	-				
	K1P 5S7 CANADA		8. Deposit account number:			
			(Attach duplicate copy of this pa	age if paying by deposit account)		
9. Statement and signa To the best of my ki	nowledge and belief, the for	regoing informat	ion is true and correct a	nd any attached copy is a true	сору	
	_		The state of the s			
Richard Mitchell, R		105	1614	29-Jul-99		
Name of Person Sig		Signature		Date		
	Total number of pages incl	luding cover she	et attachments and doo	cument [3]		

ASSIGNMENT OF INVENTION UNIVERSAL

WHEREAS, I/we Emil S. Koteles, Jian-Jun He, Lynden E Erickson, Boris Lamontagne, and Andre Delage have invented certain improvements in WAVELENGTH STABILIZED PLANAR WAVEGUIDE DEVICES INCORPORATING A DISPERSIVE ELEMENT and described in a patent

WHEREAS, National Research Council of Canada whose post office address is Ottawa, Canada, K1A 0R6 hereinafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, I/we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, continuation-in-part, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

I/We further agree without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon my/our heirs, legal representatives, administrators and assigns.

SIGNED at	Hawa	Out	_ this _ 2	day of	hely.	1998.
		\leq	Just 1	C 12	teles	
WITNESS:		<i>'</i>		<i>9</i> . , •		

[insert name of assignor]

Offcewa, Ont. this 28 day of July, 1998-1997
Andre Dolar. WITNESS: X pag meg com **PATENT** REEL: 010139 FRAME: 0669

				[insert name of assign			
SIGNED at	CHAWA	ont.	this _	28	_ day of _	July	, 199 9 .
WITNESS: -	(
Day	WW /F	en			[insert na	ame of assi	gnor]
SIGNED at	O Itana	, ÇNT	this _	28	_ day of _	July	, 199 8 .
WITNESS:	Pous	Januar ague					
Michaes	Down	(C)			[insert na	ame of assi	gnor]
SIGNED at	Hawa	Out	this _	28	_ day of 🤇	Tuly	, 19 97 .
WITNESS:	forte	lea				J	
Michae.	1 Done	(li-)					

[insert name of assignor]

PATENT REEL: 010139 FRAME: 0670