	06-11-2003	ONLY	C (as adl?	
To the Honorable Commissio		ne attached orig	ginal documents or copy thereof.	
Name of conveying party(ies) Ronan O'Dowd	102469265	2. Name a	and address of receiving party(ies):	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		Name:	Tsunami Photonics Limited	
		Address:	Blocks B & D Century Court 100 Upper George Street Dun Laoghaire, Co. Dublin, Ireland	
3. Nature of Conveyance: Assignment Security Agreement Other Execution Dates: April	☐ Merger ☐ Change of Name il 10, 2002			
		Additional nar	me(s) & address(es) attached?	
4. Application number(s) or pa		n datas af the ann	liestine and	
If this document is being filed together with a new application, the execution A. Patent Application No.(s) 10/110,415		B. Patent No.(on eation are.	
A. I atom Application 140.(5) 10/110,413	B. Tatent No.(
	Additional numbers attac	ched? Yes X	S) FINANCE -9	
5. Name and address of party to whom correspondence concerning				
document should be mailed:,		6. Total number	er of applications and patents involved:	
Douglas S. Rupert			7 CFR 3.4):	
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225 West Wacker Drive		A Author	ized to be charged to deposit account	
Chicago, IL 60606				
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Douglas S. Rupert Name of Person Signing	belief, the foregoing information is true Signature	and correct and	any attached copy is a true copy of the original Solution Date	
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Name of conveying party(ies): Ronan O'Dowd	1020157317	Name and address of receiving party(ies):		
· ·	1-11-02	Name:	Tsunami Photonics Limited	
Additional name(s) of conveying part		Address:	Blocks B & D Century Court 100 Upper George Street Dun Laoghaire, Co. Dublin, Ireland	
3. Nature of Conveyance:	☐ Merger ☐ Change of Name			
		Additional name(s)	& address(es) attached? Yes No	
4. Application number(s) or pater	* *	1-4		
A. Patent Application No.(s)	r with a new application, the execution N/A	B. Patent No.(s)	on are:	
		10,110	415	
	Additional numbers attacl	l hed? ☐ Yes X No		
5 Name and address of party to whon document should be mailed:,	orrespondence concerning	6. Total number of a	applications and patents involved:_1	
Douglas S. Rupert Wildman, Harrold, Allen & 225 West Wacker Drive Chicago, IL 60606	≿ Dixon	X Enclosed	to be charged to deposit account	
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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Whereas, I, RONAN O'DOWD of 151 CARYSFORT PARK,	BLACKROCK, CO. DUBLIN, hereafter referred to as applicant,			
have invented certain new and useful improvements in OPTOELECTRONIC DEVICE INCORPORATING A TUNABLE				
LASER AND METHOD OF CHARACTERISATION THEREO	<u>OF</u>			
for which an application for a United States Patent was	s filed on,			
Application Number/				
for which an application for a United States Patent was	s executed on, and			
Whereas, TSUNAMI PHOTONICS LIMITED of BLOCKS B &	& D CENTURY COURT, 100 UPPER GEORGE STREET,			
DUN LAOGHAIRE, CO. DUBLIN, IRELAND				
herein referred to "assignee" whose post office address is AS	S ABOVE is desirous of acquiring the entire right, title and interest			
in the same;				
	dollar (\$1.00), the receipt whereof is acknowledged,			
and other good and valuable consideration, I, the applicant, by these presents do sell, assign and transfer				
unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title				
and interest in and to any and all Patents which may be granted therefor in the United States, I hereby authorize				
and request the Commissioner of Patents and Trademarks to issue said United States Patent to said				
assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and				
behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and				
entirely as the same would have been held by me had this assignment and sale not been made.				
Executed this <u>/ o</u> day of <u>4</u> , 20 <u>2</u>				
	A A			
at	- Koman Cano			
•	(Signature)			
	(Vigi iatul 6)			
State of) SS:				
County of				
Before me personally appeared said and acknowledged the foregoing instrument to be his fre	ee act and deed this			
day of, 20				
Seal	(Notary Public)			

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