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Form PTO-15	96 Recori		18899	FS ONLY	Patents and Trademarks Office File No: 10-172 US(1) PCT		
To the Honorable	Commissioner of Par	tents and Trademasts: Pl	ease record the amend	ed original docu			
1. Name of convey	ing Party(ies):	APO 5	2. Name and address of receiving party(ies)				
Akzo Nobel N.V	<i>'</i> .	PATELI 0 2000	Name: JDS Fitel Photonics C.V. Street Address: Velperweg 76,				
Additional name(s) of conveying party	(ies) attached MARK S	No Country:	6824 BM Ai the Netherl	rnhem		
3. Nature of Conve	eyance:						
X Assignment Security Ag		Merger Change of Name	Additional name	Additional name(s) & addresses attached? Yes X No			
Execution Date	: February 3, 1999						
4. Application nun	uber(s) or patent num	ber(s) 5,657,156					
If this document is February 3, 1999	being filed together	with a new application, the second	ne execution date of the	e application is:			
A. Patent Applicat	ion No.(s)	I	B. Patent No.(s) 5,657,156				
		Additional numbers att	ached? Yes ${f X}$ No	1			
	ess of party to whom c ent should be mailed:		6. Total number of applications and patents involved 1				
Name: Neil Teitelbaum and Associates Registered Patent and Trademark Agents Limited			7. Total fee (37 CFR 3.41) \$40.00 X Enclosed				
Street Address: City:	834 Colonel By Dri Ottawa	Authorized to be charged to deposit account					
Province:	Ontario		8. Deposit account nu	imber:			
Postal Code:	K1S 5C4				paying by deposit acct		
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9. Statement and S To the best of my l		, the foregoing Information	on is true and correct a	nd any attached	copy is a true copy of the		

N Dert

Neil Teitelbaum Name of Person Signing

original document.

Signature

April 7, 2000 Date

Total number of pages including cover sheet, attachments and document 3

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

> PATENT REEL: 010676 FRAME: 0403

12-22-1999										
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IN RE PATEN	T APPL	ICATION OF	F: Van Veggel et als	OUR FILE:	10-172 US(1) PCT (2292)	Ŧ				
SERIAL NO: ISSUED PATE	NT:	08/615,482 5,656,156	APR 1 0 2000	GROUP:	2202					
FILED:	March	15, 1996	TRADEMARKOTI	EXAMINER:	HELLNER, M.					
FOR:	POLY	MERIC OF	PTICAL AMPLIFIER	DOPED WITH	I LANTHANIDE					
					12-6-	99				

The Commissioner of Patents and Trademarks Washington, D.C., 20231, U.S.A.

December 2, 1999



Sir:

Enclosed please find an assignment in favour of **JDS Fitel Photonics C.V.**, together with the required fee in the amount of **\$40.00 U.S.**

Please charge any additional fees or credit overpayment to Deposit Account No: 20-0345.

Respectfully submitted,

Neil Teitelbaum Regn No: 38,793 Encl.

/.nmc

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WHEREAS, AKZO NOBEL N.V. (hereinafter "Assignor"), a corporation organized and existing under the laws of the Netherlands and having a principal office at Velperweg 76, 6824 BM ARNHEM, the Netherlands, is the sole and exclusive owner by assignment of the United States Patent identified herein; and

WHEREAS, JDS FITEL Photonics C.V. (hereinafter "Assignee"), having a principal office at Velperweg 76, 6824 BM Arnhem, the Netherlands, is desirous of acquiring the entire right title and interest in and to the said United States Patent and the invention covered thereby:

THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over unto Assignee, its successors, assigns and legal representatives the entire right, title and interest in and to:

U.S. Patent No.: 5,657,156, Issue date: August 12, 1997, Inventors: F.C.J.M. VAN VEGGEL, G.R. MÖHLMANN, Title: Polymeric optical amplifier doped with lanthanide,

and all divisional, continuing, substitute and all other applications for Letters Patent which have been or shall be filed in the United States on the subject matter of said patent application, and in and to all patents, reissue patents, extensions and reexamination certifications which have been or shall be issued in the United States on said subject matter, the same to be held and enjoyed by Assignee for its own use and behoof and for the use and behoof of its successors, assigns, or other legal representatives;

Said Assignor, to carry out in good faith the intent and purpose of this assignment, will execute all rightful oaths, assignments, powers of attorney and other papers, communicate with said Assignee, its successors and assigns and representatives all facts known, and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection and for vesting title to the rights and property herein conveyed in said Assignee, its successors, assigns and legal representatives;

PATENT REEL: 010676 FRAME: 0405 Assignor covenants with Assignee that no assignment, grant, mortgage, license or other agreement adversely affecting the rights and property herein conveyed has been made to any other entity by Assignor, and the full right to convey the same as herein expressed is possessed by Assignor;

In witness whereof, this assignment is executed by Assignor at Arnhem, this 3rd day of February

1999

Akzo Nobel N.V.

Name: Pieter Cornelis Schalkwijk Title: Holder of Proxy

Name: Günter Fett Title: Holder of Proxy

Witness:

ocsidonte Name: Witness:

Name