JCH 103-2/02

Washington, D.C. 20231

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Form PTO-1595 RECOF	103047		U.S. DEPARTMENT OF COMMERCE
(Rev. 03/01) $7-20-05$	1030474	195	U.S. PATENT AND TRADEMARK OFFICE
To the honorable Commissioner of Patents and T	rademarks: Please reco	ord the attached origin	al document or copy thereof:
1. Name of Conveying Party(ies):	2. Name and Add	ress of Receiving P	arty(ies):
BIRD, David	Name:	Crystal Fibre A/	S
POTTAGE, John Mark JUL 2 0 2005	Street Address:	Blokken 84	
BIRKS, Timothy Adam	Street Address:		
BANHAM, Matthew James	City:	Birkerod	
	State/Country:	Denmark	Postal Code: DK-3460
Additional name(s) of conveying party(ies) attached?	Additional name(s) and add	dresses attached? Yes	No
3. Nature of Conveyance:			
S Assignment	☐ Change of Na	me	
☐ Security Agreement	Other:		
☐ Merger	Execution Date:	07072005, 0707	2005, 10292004 & 11192004
Application Number(s) or Patent Number(s):		,	
Assignment is being filed together with new ap	plication and the first e	execution date of a	polication is :
Application has been filed already and the appl	•	09092004	
A. Patent Application Number(s):	B. Issued Patent Nu	mber(s):	
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10000020			
	: 		#3.x \$ \$
		/EC:865 No	
			of applica-
5. Name and address of party to whom correspond	dence	ves No	of applica- nts involved:
5. Name and address of party to whom correspond concerning this matter should be mailed:	dence 6 -or-	6. Total number tions and pate 7. Total Fee (37	of applica- nts involved:
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00136 JACOBSON HOLMAN PLI 400 Seventh Street, N.W	dence 6 -or- LC /.	6. Total number tions and pate 7. Total Fee (37	of applica- nts involved: 1 CFR 3.41): \$40.00
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00130 JACOBSON HOLMAN PLI 400 Seventh Street, N.W Washington, D.C. 20004-22	dence 6 -or- LC /.	6. Total number tions and pate 7. Total Fee (37 Enclosed Any deficience	of applica- nts involved:
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00136 JACOBSON HOLMAN PLI 400 Seventh Street, N.W	dence 6 -or- LC /.	6. Total number tions and pate 7. Total Fee (37 Enclosed Any deficience	of applicants involved: CFR 3.41): \$40.00 dies in enclosed fees are be charged to Deposit
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00136 JACOBSON HOLMAN PLI 400 Seventh Street, N.W Washington, D.C. 20004-22 Tel. 202-638-6666	dence 6 -or- LC /.	6. Total number tions and pate 7. Total Fee (37 Enclosed Any deficience authorized to	of applicants involved: CFR 3.41): \$40.00 dies in enclosed fees are be charged to Deposit
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00130 JACOBSON HOLMAN PLI 400 Seventh Street, N.W Washington, D.C. 20004-22 Tel. 202-638-6666	dence 6 -or- LC /.	6. Total number tions and pate 7. Total Fee (37 Enclosed Any deficience authorized to Account No.	of applicants involved: CFR 3.41): \$40.00 dies in enclosed fees are be charged to Deposit
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00136 JACOBSON HOLMAN PLI 400 Seventh Street, N.W. Washington, D.C. 20004-22 Tel. 202-638-6666 Attorney Docket Number: P70084US0 DC B. Statement and Signature:	dence 6 -or- LC 7. 218 NOT USE THIS SPA	No 6. Total number tions and pate 7. Total Fee (37 Enclosed Any deficient authorized to Account No.	of applicants involved: CFR 3.41): \$40.00 dies in enclosed fees are be charged to Deposit 06-1358.
5. Name and address of party to whom correspond concerning this matter should be mailed: CUSTOMER NUMBER 00130 JACOBSON HOLMAN PLI 400 Seventh Street, N.W Washington, D.C. 20004-22 Tel. 202-638-6666	dence 6 -or- LC 7. 218 NOT USE THIS SPA	No 6. Total number tions and pate 7. Total Fee (37 Enclosed Any deficient authorized to Account No.	of applicants involved: CFR 3.41): \$40.00 dies in enclosed fees are be charged to Deposit 06-1358.
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PATENT REEL: 016791 FRAME: 0623

	Ü	NITED S	TATES OF	AMERICA & ASSI	GNMENT	
(1-5)	Insert Name(s) of Inventors	(1) Da	vid BIRD			
		(2) Jo	hn Mark POTTA	GE		
		(3) Tir	nothy Adam BIR	KS		
		(4) Ma	tthew James BA	NHAM		land_
		(5)			,	
			id to each of the	of the sum of one dollar (undersigned, the receipt eby assigns, transfers an	(\$1.00), and other good and valuable of and sufficiency of which are hereby a id sets over to	cknowledged,
(6)	Insert Name of Assignee	(6) <u>C</u> r	ystal Fibre A/S			
(7)	Insert Address of Assignee	(7) of	Blokken 84, D	K-3460 Birkerod, Denma	ark	
(8)	Insert Legal Entity and Stale or		Corporation		of Denmark	
	Country (e.g., a corporation or citizen of Japan)				e entire right, title and interest for the t i, in the invention known as	Jnited States,
(9)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	· · ·	TICAL FIBRES			
	гогендт Аррисанон митов				ted an application for patent in the Un	ited States of
(10)	Insert <u>Date</u> of signing of Application, or filing date and	, ,	id application hav	ing been filed on	September 9, 2004	(and assigned
	Serial No., if known		rial No. 10/936	825)	
United interest execute right to 20004,	ins of the International Union for Pr 4) The undersigned agree(s) to p 5) The undersigned hereby auth States resulting from this applical , and hereby covenants that he hid, and will not execute any agreen 6) Assignor hereby further assi sue for, and collect damages for, a 7) The undersigned hereby grant	otection of operform all a corize(s) and ion or any las (they hanent in confligns to Assigny and all atts; the law ment any fur	ndustrial Property affirmative acts will request(s) the Continuing or divive) full right to citch herewith. Ignee all claims acts of past and full full full full form of Jacobson their identification	y or similar agreements. hich may be necessary to commissioner of Patents a isional applications there convey the entire interest and causes of action for uture infringement. Holman PLLC, 400 Sew which may be necessary	at which may be necessary in connection obtain a grant of a valid United States and Trademarks to issue any and all Lates of to the said Assignee, as Assignee therein assigned, and that he has (the infringement of the patent rights assenth Street, N.W., Washington, D.C. or desirable in order to comply with the	s patent to the etters Patents of the entire ney have) not signed herein.
	n witness whereof, executed by the			opposite the undersigned	name(s).	(CEAL)
Date	Nan Nan	ne of Invent	or David BIRD	typed name	Signature	(SEAL)
Date	Nan	ne of Invent	or John Mark I	······································		(SEAL)
Date	Nan	ne of Invent	or Timothy Ad	typed name am BIRKS	signature	(SEAL)
				typed name	signature	\\\\
Date	Nam	ne of Invento	or Matthew Jai	nes BANHAM typed name	pignatura	(SEAL)
Date	Nam	ne of Invento	or	typed name	signature	(SEAL)
not, the	This assignment should preferable the execution by the inventor(s) s			States Consul if signed ab	proad, or a Notary Public if domestically	signed. If
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on	a separate sheet.		Witness	I MOD	m Dixor	V
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WASHINGTON, D.C. 20004

JH 5/01 (Copying without deletions permitted)

PATENT REEL: 016791 FRAME: 0624

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(1-5)	Insert Name(s) of Inventors	(1)	David	BIRD						
		(2)	John	Mark POTTAG	E		~ ~ ~ ~ .			
		(3)	Timo	thy Adam BIRK	s					
		(4)	Matti	new James BAN	NHAM		 .			and -
		(5)								
			paid	consideration of to each of the undersigned here	ndersigned, the	e receipt and	d sufficienc			
(6)	Insert Name of Assignee	(6)	Crys	tal Fibre A/S						
(7)	Insert Address of Assignee	(7)	of	Blokken 84, DK	-3460 Birkero	d. Denmark	,			
(8)	Insert <u>Legal Entity</u> and <u>State of</u> <u>Country</u> (e.g., a corporation of citizen of Japan)	or (8)	(here	Corporation inafter designate ritories, depende	ed as the Assig	gnee) the en	tire right, ti	mark lie and in know	interest for the	United States,
(9)	Insert Identification of Invention such as Title, Case Number of Foreign Application Number			CAL FIBRES						
(10)_		of (10)	Said	hich the undersi application havin	ng been filed or		an applicat September	ion for r 9, 20	patent in the U	nited States of (and assigned
United interest execute right to 20004,	ons of the International Union for I 4) The undersigned agree(s) to 5) The undersigned hereby au States resulting from this applic and hereby covenants that he d, and will not execute any agree 6) Assignor hereby further as sue for, and collect damages for 7) The undersigned hereby grat the power to insert on this assign	perform thorize(s) ation or a has (they ement in o signs to , any and nt(s) the l	all affi and re any co y have onflict Assign all act aw firm	rmative acts white equest(s) the Continuing or division) full right to conherewith. In the all claims all soft past and full the conherewith are did to the conherewith the conherewith the conherement of	ch may be nec mmissioner of ional application new the entire and causes of a ure infringement tolman PLLC, which may be ne	Patents and ons thereof to interest he action for infect.	Trademark to the said erein assign fringement	s to iss Assign ed, and of the p	ue any and all it ee, as Assigned that he has (the coatent rights as shington, D.C.	etters Patents e of the entire hey have) not signed herein,
	n witness whereof, executed by t					lersigned na	me(s).		BOOKER ALL AND THE PARTY OF THE	
Date	Na Na	me of Inv	entor	David BIRD						(SEAL)
Date	学 JULY 2005 NE	ıme of Inv	entor	John Mark Po	typed name OTTAGE typed name		John	M	Pulsa Signature	(SEAL)
Date	Na	ime of Inv	entor	Timothy Ada	m BIRKS typed name				signature	(SEAL)
Date	Na	me of Inv	entor	Matthew Jam	es BANHAM	TO THE STATE OF TH			signature	(SEAL)
Date	Na	me of Inv	entor		typed name		1 12 V PRAMITICALIZA	123349	3191101910	(SEAL)
Ad	This assignment should prefera n the execution by the inventor(s) ditional inventor's names and sig	should b		fore a United St						
on	a separate sheet.			Witness	180	<u> 3.0. s.</u>	ez-	_	ANTONO! A. Yuli	<u> </u>
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JH 5/01 (Copying without deletions permitted)

PATENT

REEL: 016791 FRAME: 0625

	·	NITED	ST	ATES OF AMERICA & ASSIGN	IMENT
(1-5)	Insert Name(s) of Inventors	(1)	Dav	id BIRD	
	, , , , , , , , , , , , , , , , , , , ,	(2)	Joh	n Mark POTTAGE	·
		(3)	Time	othy Adam BIRKS	
		(4)		thew James BANHAM	
,		,	19102		
		(5)	paid		00), and other good and valuable considerations d sufficiency of which are hereby acknowledged, ets over to
(6)	Insert Name of Assignee	(6)	Сгуя	stal Fibre A/S	
<u>(7)</u>	Insert Address of Assignee	(7)	of	Blokken 84, DK-3460 Birkerod, Denmark	
(8)	Insert Legal Entity and State or	(8)	а	Corporation	of Denmark
(0)	Country (e.g., a corporation or citizen of Japan)		its te	einafter designated as the Assignee) the en erritories, dependencies and possessions, in ICAL FIBRES	itire right, title and interest for the United States, the invention known as
(9)	Insert <u>Identification</u> of Invention, such as Title, Case Number or Foreign Application Number	i a compression	OPI	ICAL FIDRES	
(10)	insert <u>Date</u> of signing of Application, or filing date and	(10)	Said	application having been filed on	an application for patent in the United States of September 9, 2004 (and assigned
	Serial No., if known		Sena	al No. 10/936,825	L'
United interest, execute right to 20004, t	4) The undersigned agree(s) to p. 5) The undersigned hereby authorstates resulting from this applicate and hereby covenants that he how and will not execute any agreem 6) Assignor hereby further assisue for, and collect damages for, and collect damages for, and the power to insert on this assignment as the power to insert on this assignment and Trademark Office.	perform a crize(s) a crize(s) a crize(s) a crize as (they nent in cogns to A crize and a crize and a crize and a crize and a crize a c	all aff and r have onflict assign all act w firt further	equest(s) the Commissioner of Patents and ontinuing or divisional applications thereof to a pull right to convey the entire interest he herewith. Therewith and causes of action for inferent and causes of action for inferent and future infringement. The of Jacobson Holman PLLC, 400 Seventher identification which may be necessary or on of this document.	desirable in order to comply with the rules of the
				on the date(s) opposite the undersigned nar	
Date		e of Inve	antOi	David BIRD typed name	signature (SEAL)
Date	Nam	e of Inve	ntor	John Mark POTTAGE	(SEAL)
				typed name	signature
Date	29/10/04 Nam	e of Inve	ntor	Timothy Adam BIRKS	(SEAL)
Doto	Talaaa	e of Inve		typed name	signature
Date	Nam	e or inve	ntor	Matthew James BANHAM typed name	signature (SEAL)
Date	Nam	e of Inve	ntor	typed name	(SEAL) signature
Add	This assignment should preferably the execution by the inventor(s) solitional inventor's names and signal a separate sheet	hould be tures	witne	efore a United States Consul if signed abroad essed by at least two witnesses who sign he Witness Witness LAW OFFICES OF JACOBSON HOLMAN	d, or a Notary Public if domestically signed. If
		PR	OFE	SSIONAL LIMITED LIABILITY COMPANY THE JENIFER BUILDING	

PROFESSIONAL LIMITED LIABILITY COMPANY THE JENIFER BUILDING 400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004

JH 5/01 (Copying without deletions permitted)

PATENT

REEL: 016791 FRAME: 0626

1-5)	Insert <u>Name(s)</u> of Inventors	(1)	David BIRD	
		(2)	John Mark POYTAGE	
		(3)	Timothy Adam BIRKS	
		(4)	Andrew town DANILLAND	
		(5)		
	•		In consideration of the sum of one dollar (\$1.00), and paid to each of the undersigned, the receipt and sufficient undersigned hereby assigns, transfers and sets over to	ncy of which are hereby acknowledged
)	Insert <u>Name</u> of Assignee	(6)	Crystal Fibre A/S	
)	Insert Address of Assignee	(7)	of Blokken 84, DK-3460 Birkerod, Denmark	
3)	Insert <u>Legal Entity</u> and <u>State of</u> <u>Country</u> (e.g., a corporation of citizen of Japan)	or (Corporation of Dehereinafter designated as the Assignee) the entire right, is territories, dependencies and possessions, in the invent	
)	Insert <u>Identification</u> of Invention such as Title, Case Number		OPTICAL FIBRES	
	Foreign Application Number	<i>⊶</i>		
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υ,			Serial No. 10/936,825)	
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