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Krzysztof Matyjaszewski, Jean-Francois Lutz,	Name: Carnegie Mellon University
Hosei Shinoda Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:
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Execution Date: <u>March 25, 2002, March 25, 2002 and</u> March 25, 2002	City <u>: Pittsburgh</u> State: <u>PA</u> Zip: <u>15213</u>
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If this document is being filed together with a new applicat	1
A. Patent Application No.(s) 10/034,908	B. Patent No.(s)
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Name <u>: Bernard G. Pike, Esq.</u>	7. Total fee (37 CFR 3.41)\$ 40.00
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Attorney's Docket No.	001153	PATENT	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: Multiple Inventors					
A	SSIGNMENT OF I	NVENTION (MULTIPLE INVENTORS)					
In consideration of the receipt of which is hereby	ne payment by ASS y acknowledged, ar	IGNEE to ASSIGNOR of the sum of One Dolland for other good and valuable consideration,	ar (\$1.00), the				
ASSIGNORS (Inventors)):						
		9 Queens Court					
Krzysztof Matyjaszewski	- \	Pittsburgh, PA 15238 Address	USA Nationality				
(type or print name of inventors	s)		readorienty				
Jean-Francois Lutz		6204 5 th Avenue, Apartment 3B Pittsburgh, PA 15238					
Hosei Shinoda		C38-102 Mitsui Shataku, Yushu Ichihara City, Chiba 299-0125, .					
110SEL STIIIOGA							
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ASSIGNI	EE:	
Carnegie (type or prin	Mellon University at name of ASSIGNEE)	5000 Forbes Avenue Address
(a non-pr Nationality	ofit Pennsylvania organization)	Pittsburgh, PA 15213
and the s	uccessors, assigns and legal representatives o	f the ASSIGNEE
	(complete one of the	ne following)
۵	the entire right, title and interest	
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improvem	and in all foreign countries, including all ents which are disclosed in the invention entitle OLYMERS	rights to claim priority, in and to any and all ed PROCESS FOR PREPARATION OF
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and which	is found in	
(a) [U.S. patent application executed on even da	te herewith
(b) [U.S. patent application executed on	
(c) [U.S. provisional application naming the abov	e inventor(s) for the above-entitled invention
	Express mail label no.:	
	Mailed:	
	To comply with 37 CFR 3.21 for recordal of hereby authorize and request my attorney number when they become known.	this assignment, I, an ASSIGNOR signing below, to insert below the filing date and application
(d) 🗵	U.S. application no.: <u>10/034,908</u> filed on <u>De</u>	cember 21, 2001
(e) [International application no. PCT /filed on	
(f) [U.S. patent no	issued
	A change of address to which commaintenance fees is being sent separate	respondence is to be sent regarding patently.
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(Assignment of Invention-Multiple Inventors [16-3.2]—page 2 of 3)

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 residue.
continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-
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Krzysztof Matyjaszewski	Those was in	3125102
(type name of Inventor)	Signature of INVENTOR	Date
Jean-François Lutz		3/25/6
(type name of Inventor)	Signeture of INVENTOR	Date
Hosei Shinoda		
(type name of Inventor)	Signature of INVENTOR	Date

(Assignment of Invention–Multiple Inventors [16-3.2]-page 3 of 3)

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hereby sells	, assigns and transfers to	
ASSIGNEE:		
	ellon University	5000 Forbes Avenue
	ame of ASSIGNEE)	Address
(a:non-profit	Pennsylvania organization)	Pittsburgh, PA 15213
		:
and the suc	cessors, assigns and legal representativ	es of the ASSIGNEE
	(complete one	of the following)
×	the entire right, title and interest	
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and its territ	orlal possessions	
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improvemer	nts which are disclosed in the invention e	entitled PROCESS FOR PREPARATION OF
GRAFT PO	LYMERS	
	(check and complete (a	, (b), (c), (d), (e), (f) or (g))
and which is	s found in	
(a) 🗆	U.S. patent application executed on eve	in date herewith
	U.S. patent application executed on	
(¢) U	U.S. provisional application naming the	above inventor(s) for the above-entitled invention
	Express mail label no.:	
	Malled:	
	To comply with 37 CFR 3.21 for record hereby authorize and request my attenumber when they become known.	al of this assignment, I, an ASSIGNOR signing below briney to insert below the filling date and application
(a) ⊠	U.S. application no.: 10/034,908 filed o	n <u>December 21, 2001</u>
(6) 🗆	International application no. PCT /filed on	
(h) 🗆	U.S. patent no.	issued
		correspondence is to be sent regarding pater
	(also check (g), if foreign app	ication(s) is also being assigned)

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(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 reexamination 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;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertirient 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 of 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, We have hereunto set hand and seal on the date(s) indicated below.

MARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

type name of Inventor)	:			Signature of II	NVENTOR	Date	
	4.5]	*	1				
ean+Francois Lutz type name of Inventor)				Signature of II	NVENTOR	Date	
*					Shinodas	3/25	10:
tose Shinoda you name of Inventor)				Signature of I		Date	102
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