(Rev.		004	SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB	No. 0651-0027 (exp. 6/30/2005)		NVX-18 CIP
	To the Honorable Commissioner of 1026420. Name of conveying party(ies):	0 d	ttached original documents or copy thereof.
1.	Name of conveying party(ies):) <u> </u> 2.	Name and address of receiving party(ies)
	Regina D. Rooney Bradley S. Scott Joseph W. Amshey Thomas R. Jackson Sheldon Engelhorn		Name: INVITROGEN CORPORATION Internal Address: Street Address:
Ad	ditional name(s) of conveying party(ies) attached? 🛭 Yes 📜 No	4	City: Carlsbad State: California Zip: 92008
3.	Nature of conveyance:		Country: United States of America
	■ Assignment		Additional name(s) & address(es) attached? ☐ Yes ■ No
	☐ Security Agreement ☐ Change of Name		
	Other		
Exec	eution Date: 12/15/2003; 10/02/2003; 10/02/2003; 12/14/2003; 10/01/2003		
4.	Application number(s) or patent number(s):		Łin.
	If this document is being filed together with a new application, the	e execu	tion date of the application is: _ 💂
	A. Patent Application No.(s)		B. Patent No.(s) PAYOR PANE
	10/464,258		FIN -7
	Additional numbers atta	ached?	Tres and
5.	Name and address of party to whom correspondence concerning document should be mailed:	6.	Total number of applications and patents involved:
	Name: Daniel M. Becker	7.	Total fee (37 CFR 3.41)\$ 40.00
	Internal Address:		■ Enclosed
	Street Address: Fish & Neave 1251 Avenue of the Americas		Additional fees are authorized to be charged to deposit account
	City: New York State: NY ZIP: 10020	8.	Deposit account number:
			06-1075
			(Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE	THIS S	PACE
γ ,	Statement and signature. To the best of my knowledge and belief, the foregoing information original document. Daniel M. Becker Name of Person Signing Reg. No. 38,376 Total number of pages including 72004 DBYRNE 00000137 1046425 document:	peture	5 JAN 2004 Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Mail Stop Assignment Recordation Services
P. O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 014858 FRAME: 0713

ASSIGNMENT

WHEREAS, We, Regina D. Rooney, Bradley S. Scott, Joseph W. Amshey, Thomas R. Jackson and Sheldon Engelhorn, residing respectively at 2500 Torrey Pines Road, Unit 302, La Jolla, California 92037; 11675 Kismet Road, San Diego, California 92128; 2350 Jennifer Lane, Encinitas, California 92024; 7135 Olivetas Avenue, La Jolla, California 92037 and 2520 Montgomery Avenue, Cardiff, California 92007, have made an invention entitled:

METHODS AND APPARATUS FOR LOW RESISTANCE ELECTROPHORESIS OF PRIOR-CAST, HYDRATABLE SEPARATION MEDIA

and have made an application for United States Letters Patent therefor filed June 17, 2003 and assigned Serial No. 10/464,258; and

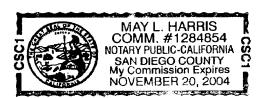
WHEREAS, INVITROGEN CORPORATION, a corporation organized and existing under the laws of the state of Delaware and having an office and place of business at 1600 Faraday Avenue, Carlsbad, California 92008, United States of America, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt of sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said INVITROGEN CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

PATENT REEL: 014858 FRAME: 0714 and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said INVITROGEN CORPORATION as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

12/15/03 Date	Regina D. Rooney
STATE OF CALIFORNIA)
COUNTY OF <u>Son Diezo</u>	: ss.:)
me in person the above-named Reg	day ofDecember, 2003, appeared before gina D. Rooney and acknowledged the above to be his and delivered the above instrument as his voluntary ourposes therein set forth.
	May (- Harri 1 Notary Public
(Notarial seal)	My Commission expires:
	Nay 20 2004



10/2/03
Date

Bradley-S. Scott

	STATE OF CALIFORNIA)	
	COUNTY OF San Diego	: ss.: _)	
	On this me in person the above-named Bra	day of <u>October</u> , 2003, appeared before dley S. Scott and acknowledged the above to be his and delivered the above instrument as his voluntary arposes therein set forth.	
	Commission # 1324411 Notary Public - California \$ San Diego County My Comm. Expires Oct 7, 2005	Notary Public Ruce	
	(Notarial seal)	My Commission expires:	
		10-5-07	
	10-2-03 Date	Joseph W. Amshey	
	COUNTY OF San Diggs) : ss.: _)	
On this			
		Notary Public	
	(Notarial seal)	My Commission expires: 10-7-05	
	VERNA M. LUCERO Commission # 1324411 Notary Public - California San Diego County My Comm. Expires Oct 7, 2005		

Dec 14 2003 Date	Thomas R. Jackson
STATE OF CALIFORNIA COUNTY OF San Diego) : ss.: _)
me in person the above-named Thor	day of
Notatalls dans IS COMM. # 1284854 NOTARY PUBLIC-CALIFORNIA SAN DIEGO COUNTY My Commission Expires NOVEMBER 20, 2004	My Commission expires: Nov. 20, 2003
<u>OGober / 2003</u> Date	Sheldon Engelhorn
STATE OF CALIFORNIA COUNTY OF <u>San Diego</u>) : ss.: _)
-	day of
(Notarial seal)	My Commission expires: Oct. 7, 2005
VERNA M. LUCERO Commission # 1324411 Notary Public - California	,

RECORDED: 01/07/2004