FORM PTO-1595 (Rev. 6-93)	08-24-1998	<b>ER SHEET</b>	U.S. DEPARTM	NT OF COMMERC
1 1961		<b>Y</b> .	Palent	and Trademark Offi
Tab settings				▼
To the Honorable Commissioner		the attached origina	al documents or co	py thereof.
Nurith Kurn Rajesh ! Yen Ping Liu Samuel .	D. Patel	ame and address of re ame: Dade Behrin		)
Claire Lin Edwin Famili I man Additional riame(s) of conveying party(ies) attached?	□ Yes ଔ No	temal Address:		
3. Nature of conveyance:				·
Assignment	Merger S	treet Address: 1717	Deerfield Rd	#778
☐ Security Agreement ☐	Change of Name			
Other		ity: <u>Deerfield</u>	_State:	ZIP; <sub>60015</sub>
Execution Date: July 24, 1998 August 5, 1998 August 10,		dditional name(s) & address	(es) attached? Ye	es Ö No
4. Application number(s) or patent number(				<del></del>
If this ocument is being filed together w	vith a new application, the ex	ecution date of the ap	plication is:	
A. Patent Application No.(s)	E	. Patent No.(s)		
08/771,624				-
	Additional numbers attached?	Yes Öl No		
Name and address of party to whom corr     concerning document should be mailed:		otal number of applicati	ons and patents i	avolved: 1
Name: Lois K. Ruszala	7. T	otal fee (37 CFR 3.41)	<b>e</b> 40 00	
Internal Address: Dade Behring In		•		
	<u>c.</u>	Enclosed	<u>a_40.00</u>	
	<u>C.</u>			
		Enclosed	arged to deposit a	
FG-581 40.00 CH		Enclosed  Authorized to be cha	arged to deposit a	
FG:58: 40.00 CH	8. C	Enclosed  Authorized to be cha	arged to deposit a	account
Street Address: 1717 Deerfield Rd	8. C	Enclosed  Authorized to be charge posit account number $04-0010$ Attach duplicate copy of this	arged to deposit a	account
Street Address: 1717 Deerfield Rd	ZIP: 60015 (/	Authorized to be charge posit account number 04-0010  Attach duplicate copy of this PACE	arged to deposit a	account  posit account)
Street Address: 1717 Deerfield Rd  City: Deerfield State: IL  9. Statement and signature. To the best of my knowledge and belief,	ZIP: 60015 (/	Authorized to be charge posit account number 04-0010  Attach duplicate copy of this PACE	arged to deposit arr.  page if paying by demonstraction of the copy	account  posit account)

## DADE BEHRING

Dade Behring Inc. 1717 Deerfield Road P.O. Box 778 Deerfield, IL 60015-0	778				
Serial No. (1) 08/	771,624	Filed (1) December 2	0, 1996		
acknowledged, we principal place of	e hereby assign to DADI business at 1717 Deerfi	E BEHRING INC (herein	after referred to a LD, ILLINOIS 60	s, the receipt and suffici s "assignee"), a corporati i015-0778, its successor, rovements in	on of Delaware, having a
(2) Homogeneous Ar	mplification and Detection of N	ucleic Acids	***************************************		
and any and all of with others, on sa be obtained on an We hereby aut said application we warrant out that there are no considerable. For said considerable, to execut oath or supplement of said considerable and for the said covern of said application in the material procession of the said considerable and internal priority leads application in all internal priority lead assigns to expect on a said consideration and interest in said consideration in all internal priority leads assigns to expect of the said assigns to expect of the said consideration and interest in said consideration in all internal priority leads assigns to expect of the said assigns to expect of the said consideration in all internal priority leads of the said consideration in all internal priority leads of the said consideration in all internal priority leads of the said consideration in all internal priority leads of the said consideration and interest in said consideration and	ther United States applicited invention or improveming of the said applications thorize and request the Cothorize and request the Cothorize and request the advised of the country of the said applications we hereby agrete any and all divisional, and oath or affidavit relaid application that said as onsiderations we further lication or any division to the countries of preparing and experform, upon such requisid assignee, its successors, legals as the same would have assigned hereby also a find invention or improved countries arising under gislation of such countriex ecute any and all documents.	ations and applications in tents, and in any and all intents, and in any reissue or expending some of Patents of torneys of record in said of interest herein assign nents, licenses, or other rese, upon request and at the continuation, and renewating thereto, and any applications of the request and at the continuation, and renewating thereto, and any applications, or tetters Patent perate to the best of our secuting the preliminary seest, any and all affirmations, legal representatives presentatives and assign averbeen held and enjoyed assigns to said assignee, ments for any and all for any applicable internations, and we further agreements that shall be required.	any and all countetters Patent of the tension thereof, to issue said Letter application to inside application to inside application for the reiter and assigns where acts to obtain a convention of upon the request the acts of the ac	ich of us individually on the tries which assignor may the United States or of any respect to said DADE Beart in this assignment the enright to make this assigned, assignee, its successors, said invention or improver ssue or extension of any Lees and assignee and producing evidence its successors, legal represent or any reissue or application assignee, its successors, and and producing evidence Letters Patent, and vest reby said Letters Patent we term for which said Lette signment and sale had no gal representatives and as and the right of priority for or the protection of industors as and all documents necessing and all documents necessing and all documents necessing the United States of States and all documents necessing the United States of States are said assignee, its successions.	file, either solely or jointly other country which may other country which may EHRING INC. date and serial number of ment, and further warrant legal representatives and nents, and any necessary etters Patent that may be necessary or expedient, actives and assigns, in the part of the reissue thereof legal representatives and e in support thereof. We all rights therein hereby gill be held and enjoyed by rs Patent may be granted to been made, and for the signs the entire right, title patent and utility model trial property and/or any ors, legal representatives y and all applications for
Date	Signature		Date	Signature	
	<sup>(3)</sup> Typed Name	Yen Ping Liu		<sup>(3)</sup> Typed Name:	Nurith Kurn
(4)State of	County of		(4)State of	County of	
Signed before me	on this day of		Signed before r	ne on this day of	, 19
by	Inventor		by	Inventor	
	Notary F	Public		Notary	Public
Date	Signature		Date	Signature	
	<sup>(3)</sup> Typed Name: _	Rajesh D. Patel		<sup>(3)</sup> Typed Name:	Samuel J. Rose
(4)State of	County of		<sup>(4)</sup> State of	County of	
Signed before me	on this day of _	. 19	Signed before i	me on this day of	, 19
by	Inventor		by	Inventor	

Notary Public

Notary Public

Dade Behring Inc. 1717 Deerfield Road P.O. Box 778 Deerfield, IL 60015-0778		
Serial No. <sup>(1)</sup> 09/771,624	Filed <sup>(1)</sup> December	20, 1996
Continuation Sheet - Inventor Signatures		
WITNESS our hand and seal		
Date Signature		Date My 30, 1998 Signature Zdwn F. Ullanen  (3) Typed Name: Edwin F. Ullman
<sup>(3)</sup> Typed Name:	Claire Lin	
State of County of		(4) State of CALIFORNIA County of SANTA CLARA
Signed before me on this day of	. 19	Signed before me on this $30^{\frac{11}{2}}$ day of $Juky$ , 1998
ру		by town F. Ullucey
Inventor		B. J. Muhlhach Notary Public
Notary Put	olic	Notary Public



Comm. # 1108183
NOTARY PUBLIC - CALIFORNIA
93 5 Sapta Clara County
My Comm. Expires Aug. 11, 2000

(Joint Inventors)	DADE BEHRING
Dade Behring Inc. 1717 Deerfield Road P.O. Box 778 Deerfield, IL 60015-0778	
Serial No. (9 09/771,624 Filed 19 December 20	1996
acknowledged, we hereby assign to DADE BEHRING INC. (hereina	ole considerations, the receipt and sufficiency whereof are hereby ifter referred to as "assignee"), a corporation of Delaware, having a D. ILLINOIS 60015-0778, its successor, legal representatives and invention or improvements in
(2) Homogeneous Amplification and Detection of Nucleic Acids	
and any and all other United States applications and applications in with others, on said invention or improvements, and in any and all L be obtained on any of the said applications, and in any reissue or ext We hereby authorize and request the Commissioner of Patents to We hereby authorize and request the attorneys of record in said asaid application when officially known.  We warrant ourselves to be the owners of interest herein assigned that there are no outstanding prior assignments, licenses, or other rights assigns, to execute any and all divisional, continuation, and renewal oath or supplemental oath or affidavit relating thereto, and any application that said assignee, its successors, leand for the said considerations we further agree, upon the request of event of said application or any division thereof, or Letters Patent is becoming involved in interference, to cooperate to the best of our assigns in the matters of preparing and executing the preliminary stifurther agree to perform, upon such request, any and all affirmative conveyed in the said assignee, its successors, legal representatives and assigns as fully and entirely as the same would have been held and enjoyed said considerations assignor hereby also assigns to said assignee, if and interest in said invention or improvements for any and all for application in all countries arising under any applicable internatio internal priority legislation of such countries, and we further agree to	tension thereof. It is sue said Letters Patent to said DADE BEHRING INC. It is possible said Letters Patent to said DADE BEHRING INC. It is possible said assignment the date and serial number of and to have the right to make this assignment, and further warrant ights in the interest herein assigned. It is expense of said assignee, its successors, legal representatives and applications for said invention or improvements, and any necessary cation for the reissue or extension of any Letters Patent that may be gal representatives and assigns may deem necessary or expedient, if assignee, its successors, legal representatives and assignee, its successors, legal representatives and atement and giving and producing evidence in support thereof. We we acts to obtain Letters Patent, and vest all rights therein hereby and assigns whereby said Letters Patent will be held and enjoyed by to the end of the term for which said Letters Patent may be granted by us if this assignment and sale had not been made, and for the is successors, legal representatives and assigns the entire right, title eign countries and the right of priority for patent and utility model nal convention for the protection of industrial property and/or any upon the request of said assignee, its succors, legal representatives red to be executed in connection with any and all applications for
Date 8/10/98 Signature your ping fine  (3) Typed Name: Yen Ping Liu	Date 310198 Signature Jun 46 Kurn  (3) Typed Name: Nurith Kurn
(4) State of California County of Starta Clair	(4) State of Californic Country of Herte Clair
Signed before me on this 10th day of Guguet 19 W	Signed before me on this 10 th day of Gugust, 1998
Comm. # 1108183 NOTARY PUBLIC COUNTY  My Comm. Expires Aug. 11, 2000 Notary Public	ERICKA ZIPFEL  Comm. # 1108183  HOTARY PUBLIC - CALIFORNIA  Santa Clara County  My Comm. Expires Aug. 11, 2000  My Comm. Expires Aug. 11, 2000
Date 3/5/98 Signature Ryesh D PSE	Date St 198 Signature Abund Jun-
(3) Typed Name: Rajesh D. Patel	(4) State of Californic County of Hante Clair
(4) State of Californic County of Hanta Clare Signed before me on this 5th day of Queuxt 1995	Signed before me on this 5 day of Gross 1998
by Rajish D. Patel Inventor	by Samuel of Rose on one of the o
Eucha Zight	Eucka Zypfil
ERICKA ZIPFEL Comm #1109192 See reverse side for instruc	ERICKA ZIPFEL Comm. # 1108183

ERICKA ZIPFEL

Comm. # 1108183

See reverse side for instructions to complete this popular to not any public charge many public

## DADE BEHRING

Dade Behring Inc. 1717 Deerfield Road P.O. Box 778 Deerfield, IL. 60015-0778	
Serial No. (1) 09/771,624 Filed (1) December	20, 1996
Continuation Sheet - Inventor Signatures	
WITNESS our hand and seal	
DateSignature	Date Signature
<sup>(3)</sup> Typed Name. <u>Claire Lin</u>	(3) Typed Name: <u>Edwin F. Ullman</u>
State of County of	(4)State ofCounty of
Signed before me on this day of, 19	Signed before me on this day of, 19
Inventor	byInventor
Notary Public	Notary Public

## DADE BEHRING

	DADE DEUKING
lade Behring Inc. 717 Deerfield Road	
2.O. Box 778	
Deerfield, IL 60015-0778	
Serial No. (1) 08/771,624 Filed (1) December 2	20, 1996
acknowledged, we hereby assign to DADE BEHRING INC. (herein principal place of business at 1717 Deerfield Rd., #778, DEERFIE assigns, the entire right, title and interest throughout the world in our assigns.	able considerations, the receipt and sufficiency whereof are hereby nafter referred to as "assignee"), a corporation of Delaware, having a ELD, ILLINOIS 60015-0778, its successor, legal representatives and ur invention or improvements in
Homogeneous Amplification and Detection of Nucleic Acids	
and any and all other United States applications and applications in with others, on said invention or improvements, and in any and all ee obtained on any of the said applications, and in any reissue or existing with others, on said invention or improvements, and in any reissue or existing with the without and request the Commissioner of Patents in We hereby authorize and request the Commissioner of Patents in We hereby authorize and request the attorneys of record in said and application when officially known.  We warrant ourselves to be the owners of interest herein assignment there are no outstanding prior assignments, licenses, or other in For said considerations we hereby agree, upon request and at the assigns, to execute any and all divisional, continuation, and renewal and or supplemental oath or affidavit relating thereto, and any application or supplemental oath or affidavit relating thereto, and any application that said assignee, its successors, its successors, its ecoming involved in interference, to cooperate to the best of our assigns in the matters of preparing and executing the preliminary surfter agree to perform, upon such request, any and all affirmat onveyed in the said assignee, its successors, legal representatives he said assignee, its successors, legal representatives he said assignee, its successors, legal representatives and assignes, its luly and entirely as the same would have been held and enjoyed aid considerations assignor hereby also assigns to said assignee, and interest in said invention or improvements for any and all for implication in all countries arising under any applicable internal priority legislation of such countries, and we further agree and assigns to execute any and all documents that shall be required.	to issue said Letters Patent to said DADE BEHRING INC. I application to insert in this assignment the date and serial number of led and to have the right to make this assignment; and further warrant
oate Signature	DateSignature
Signature	<sup>(3)</sup> Typed Name. <u>Nurith Kurn</u>
OState of County of	(4)State of County of
ligned before me on this day of, 19	Signed before me on this day of, 19
yInventor	by
Inventor	inventoi
Notary Public	Notary Public
DateSignature	DateSignature
(3) Typed Name: Rajesh D. Patel	<sup>(3)</sup> Typed Name: <u>Samuel J. Rose</u>
State of County of	(4)State of County of
signed before me on this day of 19	Signed before me on this day of, 19
у	by
Inventor	Inventor

Notary Public

Notary Public

Dade Behring Inc. 1717 Deerfield Road P.O. Box 778 Deerfield, IL 60015-0778	
Serial No. (1) 09/771,624 Filed (1) December 20	), 1996
Continuation Sheet - Inventor Signatures	
WITNESS our hand and seal	
Date 7/24/98 Signature Cle of	Date Signature
(3) Typed Name: Claire Lin	(3) Typed Name: Edwin F. Ullman
(3) Typed Name: Claire Lin (4) State of California County of Sante Clair	<sup>(4)</sup> State of County of
Signed before me on this 24/4day of July 1998	Signed before me on this day of, 19
by Claime Lin	by
W.L. Linsterhusch	
Notary Public	Notary Public

