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Form PTO-1595 RECORDATION FORM	U.S. DÉPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005) PATENTS	
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To the Honorable Commissioner of Patents and Trademarks;	Please Record the attached original documents or copy thereof.
1. Name of conveying party(ies): Thomas E. Barta	2: Name and address of receiving party(les) Name: Pharmacia Corporation
	Internal Address: Corporation of the State of Delaware
Additional name of conveying party(ies) attached? 🛛 Yes 🔲 No	P.O. Box 1028
3. Nature of conveyance: ⊠ Assignment	Street Address:
📋 Security Agreement 🛛 Change of Name	City: Chesterfield State: MO Zip: 63006
Other	Additional Name(s) & address(es) attached? Yes X No
Execution Date: June 10, 2004	
Additional numbers atta	I ached? ☐ Yes ⊠ No 6. Total number of applications and patents involved: 1
on Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: <u>Lydła N. Nenow</u>	7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
nternal Address: <u>Harness, Dickey & Pierce, P.L.C.</u>	
	Authorized to be charged to deposit account
Street Address: 7700 Bonhomme Ave	8. Deposit account number: 08-0750
Sty: St. Louis State: MO Zip: 63105	(Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE
. Statement and signature.	
To the best of my knowledge and belief, the foregoing inform is a true copy of the original document.	ation is frue and correct and any attached copy
Lydia N. Nenow, Reg. No. 52,530 Name of Person Signing S	
Mail documents to be recorded	with required cover sheet information to:
P.	ates Patent and Trademark Office O. Box 1450
Alexandr	ia. VA 22313-1450 PATENT

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Form PTO-1595 (Rev. 10/02)	CONTINUATION	DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-002 (exp. 6/30/2005)	PATENTS ONLY	
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Conveying P	arty(ies) Mark if additional names of conveying parties attached	
Enter additional Cor	oveying Parties	Execution Date
Name (line 1)	Daniel P. Becker	Month Day Year
	Danier F, Decker	03 05 2004
Name (line 2)		
		Execution Date
Name (line 1)	Louis J. Bedell	Monih Day Year 06 02 2004
		00 02 2004
Name (line 2)		
		Execution Date
Name (line 1)	Terri L. Boehm	Month Day Year 03 15 2004
Name (line 2)		
Receiving Pa		ties attached
Enter additional Re Name (line 1)		
		If document to be recorded is an assignment and the
Name (line 2)	· · · · · · · · · · · · · · · · · · ·	receiving party is not
		domiciled in the United States, an appointment
Address (line 1)	·······	of a domestic representative is attached.
	· · · · · · · · · · · · · · · · · · ·	(Designation must be a separate document from
Address (line 2)		Assignment.)
Address (Key 2)		
Address (line 3)	City State/Country	Zip Code
Name (line 1)		
		If document to be recorded is an assignment and the
Name (line 2)		receiving party is not domiciled in the United
		States, en appointment
Address (line 1)		of a domestic representative is attached.
.		(Designation must be a separate document from
Address (line 2)		Assignmen(.)
Address (line 3)		
<u> </u>	City State/Country	Zip Code
Application N	lumber(s) or Patent Number(s) 🛛 🖾 Mark if additional num	bers attached
Enter either the Pate	Petent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same plant Application Number(s) Patent Num	roperty).
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Conveying P	Party(ies) X Mark if additional names of conveying parties attached				
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Name (line 1)		-, _	Month	Day	Year
Name (line 1)	David L. Brown		03	10	2004
Name (line 2)		7			
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Nome (line 1)		-, _	Month	Day	Year
Name (line 1)	Jeffery N. Carroll	┛┖	03	11	2004
Name (line 2)		7			
			Exec	ution D	ate
Name (line 1)	Visuan Chan		Month	Day	Year
	Yiyuan Chen		03	08	2004
Name (line 2)	····	-			
			Exec	ution De	ate
			Month	Day	Year
Name (line 1)	Yvette M. Fobian		03	11	2004
Name (line 2)	······································	7			
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Nome (line 1)			Month	Day	Year
Name (line 1)	John N. Freskos	_ L_	03	11	2004
Name (line 2)		ר			
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Name (line 1)	Alan F. Gasiecki		Month	Day	Year
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Name (line 2)		-			1
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Name (line 1)			Month	Day	Year
Name (iine 1)	Margaret L. Grapperhaus		03	15	2004
Name (line 2)		7			
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Name (line 1)	Robert M. Heintz		Month	Day	Year
··			03	05	2004
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Name (meilt)	Susan L. Hockerman		03	11	2004
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Name (line 1)	Darren J. Kassab	-,	Month	Day	Year
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Name (line 1)	Ish K. Khanna		Month	Day	Year
				16	2004
Name (line 2)		ך PA	TENT	I	
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Enter additional Con	iveying Parties	1 001 1 001			Exe	 cution Oat	e
Name (line 1)	Stephen A. Kolodzie		· · · · · · · · · · · · · · · · · · ·		Month 03		Year DO4
Name (line 2)		· · · · · · · · · · · · · · · · · · ·			_		
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Name (line 1)	Mark A. Massa	· · · · ·			03		004
Name (line 2)					Eva	ution Date	
					Month		rear
Name (line 1)	Joseph J. McDonald				03	08	2004
Name (line 2)					_		
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Name (line 1)	Brent V. Mischke				03	•	2004
Name (line 2)			· · · · · · · · · · · · · · · · · · ·		Even	ution Date	
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Name (line 1)	Deborah A. Mischke		· • · · · · · · · · · · · · · · · · · ·		03		2004
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Name (line 1)	Patrick B. Mullins				03	11 2	004
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Name (line 1)	Mark A. Nagy				03	Day Y 11	2004
Name (line 2)					Even		
					Exect Month	rtion Date Day Y	ear
Name (line 1)	Monica B. Norton				03	-	2004
Name (line 2)	· <u> </u>	<u> </u>	<u> </u>				Í
		·		ц	Execu	ition Date	
Name (line 1)	Joseph G. Rico	· <u> </u>			Month 03	-	ear
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Name (line 1)	Michelle A. Schmidt				03	15	2004
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Name (line 1)	Nathan W. Stehle	······································			03 (04
Name (line 2)		······································	P	PA		ME.	0448

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Enter additional Cor	veying Parties				cution Date
Name (line 1)	John J. Talley	· · · · · · · · · · · · · · · · · · ·		Month 03	Day Year 08 2004
	·	· · · · · · · · · · · · · · · · · · ·			
Name (line 2)				Exe	ution Date
				Month	Day Year
Name (line 1)	William F. Vernier			05	28 2004
Name (line 2)					
				Exec Month	ution Date Day Year
Name (line 1)	Clara I. Villamil	····		03	10 2004
Name (line 2)				Exer	ution Date
				Month	Day Year
Name (line 1)	Lijuan J. Wang			03	11 2004
Name (line 2)		· · · · · · · · · · · · · · · · · · ·			
				Exec Month	ution Date Day Yeer
Name (line 1)	Thomas A. Wynn	······································		06	03 2004
Name (line 2)	· · · ·				
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				PATENT	ME: 0449

ASSIGNMENT

WHEREAS, We, Thomas E. Barta, Daniel P. Becker, Louis J. Bedell, Terri L. Boehm, David L. Brown, Jeffery N. Carroll, Yiyuan Chen, Yvette M. Fobian, John N. Freskos, Alan F. Gasiecki, Margaret L. Grapperhaus, Robert M. Heintz, Susan L. Hockerman, Darren J. Kassab, Ish K. Khanna, Stephen A. Kolodziej, Mark A. Massa, Joseph J. McDonald, Brent V. Mischke, Deborah A. Mischke, Patrick B. Mullins, Mark A. Nagy, Monica B. Norton, Joseph G. Rico, Michelle A. Schmidt, Nathan W. Stehle, John J. Talley, William F. Vernier, Clara I. Villamil, Lijuan J. Wang, and Thomas A. Wynn, have invented certain new and useful improvements for "Piperidinyl- And Piperazinyl-Sulfonylmethyl Hydroxamic Acids and Their Use as Protease Inhibitors" (hereinafter referred to as "Invention") for which an application for Letters Patent in the United States of America was filed on April 25, 2003 and assigned serial number 10/618,288; and

WHEREAS, we desire to assign all right, title and interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to Pharmacia Corporation, a corporation of the State of Delaware, having its office and place of business at 575 Maryville Centre Drive, St. Louis, Missouri 63141 (hereinafter referred to as "Assignee"); and

WHEREAS, Assignce, is desirous of acquiring the entire right, title and interest in and to said Invention and improvements as disclosed in said application, in and to said application, and in and to any Letters Patent which may be granted therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Thomas E. Barta, Daniel P. Becker, Louis J. Bedell, Terri L. Boehm, David L. Brown, Jeffery N. Carroll, Yiyuan Chen, Yvette M. Fobian, John N. Freskos, Alan F. Gasiecki, Margaret L. Grapperhaus, Robert M. Heintz, Susan L. Hockerman, Darren J. Kassab, Ish K. Khanna, Stephen A. Kolodziej, Mark A. Massa, Joseph J. McDonald, Brent V. Mischke, Deborah A. Mischke, Patrick B. Mullins, Mark A. Nagy, Monica B. Norton, Joseph G. Rico, Michelle A. Schmidt, Nathan W. Stehle, John J. Talley, William F. Vernier, Clara I. Villamil, Lijuan J. Wang, and Thomas A. Wynn, have sold, assigned and transferred, and do hereby sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest in and to said Invention and improvements as the same are disclosed in said application, in and to said

> PATENT REEL: 014903 FRAME: 0450

Page 1 of 33

application, and in and to any Letters Patent, including any divisions, continuations, continuations-in-part, reissues, reexaminations, and extensions to be obtained thereof, in the United States, and countries foreign thereto, which may be granted for said Invention; and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto; and we further agree to cooperate with the Assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the Assignee may desire to apply for, but at the expense of said Assignee.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as Assignee of the whole right, title and interest thereto; and we further agree to execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuationsin-part of said application for patent, and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee, or its designees may require and prepare at its own expense; and execute all necessary and lawful future documents including assignments in favor of Assignee, or its designees, as Assignee or its designees may present to us in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto.

PATENT REEL: 014903 FRAME: 0451

Thomas E. Barta

STATE OF NC COUNTY OF DUNHAM

day of JUN On this 10^t ____, 2005 before me, a Notary Public, within and for the County of <u>Dulloan</u>, State of <u>NC</u>, personally appeared Thomas E. Barta, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Unille

5/22/2005 My Commission Expires:

0 P. Buche Daniel P. Becker

Т

STATE OF /LL/NO/S COOK COUNTY OF

On this 5^{+h} day of <u>Masch</u>, 200[#] before me, a Notary Public, within and County of <u>COOK</u>, State of <u>ILLINOIS</u>, personally appeared for the County of ____ Daniel P. Becker, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

karile Kallaturian Notary Public

My Commission Expires: 3 - 18 - 07

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PATENT REEL: 014903 FRAME: 0453 15

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STATE OF

COUNTY OF 2 The County of March 2009 before me, a Notary Public, within and for the County of March 5, State of <u>TLUNOIS</u>, personally appeared Louis J. Bedell, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

otary Public

My Commission Expires: // /30/04



PATENT REEL: 014903 FRAME: 0454

Terri L. Boehm

STATE OF

COUNTY OF

On this 15 day of \mathcal{M}_{auch} , 2009 before me, a Notary Public, within and for the County of $\underline{S}_{\underline{C}}$, State of $\underline{\mathcal{M}}_{\underline{C}}$, personally appeared Terri L. Boehm, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

otary Public

07 My Commission Expires:

PATRICIA A. HRASTICH NOTARY PUBLIC-STATE OF MISSOURI MY COMMISSION EXPIRES DEC. 17, 2007 ST. LOUIS COUNTY



PATENT REEL: 014903 FRAME: 0455

Page 6 of 33

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Brown

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STATE OF

COUNTY OF

フバロ , 2003 before me, a Notary Public, within and On this 10 day of Mirch. , State of Manoul, personally appeared for the County of Ot Knucs David L. Brown, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

4 Permington Notary Public

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2006 ST. CHARLES COUNTY

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

and

STATE OF

COUNTY OF

On this 11_ day of March É before me, a Notary Public, within and for the County of <u>Al Kours</u>, State of <u>Mussours</u>, personally appeared Jeffery N. Carroll, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Pennenator

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2008 ST. CHARLES COUNTY

' STEFEL

OF ILLINOIS

<u>Chen Mignan 3/8/04</u> Yiyuan Chen

STATE OF

COUNTY OF

My Commission Expires:

On this $\frac{g}{2}$ day of \underline{Harch}_{2} , 2004 before me, a Notary Public, within and for the County of \underline{Lake}_{2} , State of \underline{Linors}_{2} , personally appeared Yiyuan Chen, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Sept. 10, 2007

NOTARY PUBLIC, My Commission E

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Fobian

STATE OF

COUNTY OF

On this $\underline{\prod}$ day of $\underline{\underline{Mach}}$, 2004 for the County of $\underline{\underline{Mach}}$, State of $\underline{\underline{Massent}}$, personally appeared Yvette M. Fobian, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

ly Pennenafor

My Commission Expires:

SEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2006 ST, CHARLES COUNTY 2 1

Attorney Docket/No. 00988/1/US HDP Docket No. 6794-000053/US

Freskos

STATE OF

COUNTY OF

On this 11 day of March 2009 before me, a Notary Public, within and , State of Mussaul, personally appeared John for the County of _____ louis N. Freskos, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

y Penninaton

My Commission Expires:

BEVERLY PENNINGTON-NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2006 ST. CHARLES COUNTY

> PATENT REEL: 014903 FRAME: 0460

Hasiechi.

STATE OF Almos COUNTY OF Jake

On this $\underline{///}$ day of $\underline{///}$, 200# before me, a Notary Public, within and , State of <u>Illenen</u>, personally appeared Alan LARI for the County of F. Gasiecki, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

4.16.0 My Commission Expires:_

OFFICIAL SEAL KRISTINE M R NOTARY PUI

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Marganet L. Grapperhaus

STATE OF

COUNTY OF

On this 15^{-} day of <u>Man</u>, 2003 before me, a Notary Public, within and for the County of <u>Al Horesco</u>, State of <u>Manageret</u>, personally appeared Margaret L. Grapperhaus, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Beererky Cennington

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 05/12/2008 ST, CHARLES COUNTY

STATE OF Masseuri COUNTY OF Compart

On this 5^{+-} day of 200^{-1} , 2003 before me, a Notary Public, within and for the County of 200^{-1} . State of 200^{-1} , personally appeared Robert M. Heintz, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires: <u>Q.27-05</u>

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

1mman Súsan L. Hockerman

STATE OF

COUNTY OF

On this $\underline{//}$ day of $\underline{//}$ day of \underline{//} day of $\underline{//}$ day of $\underline{//}$ day of \underline{//} day of $\underline{//}$ day of \underline{/} day of $\underline{//}$ day of $\underline{/}$ day of \underline{/} day of $\underline{/}$ day of \underline{/} day of \underline{/}

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

<u>Penne nofor</u>

My Commission Expires:

SEVERLY PENNINGTON COMMISSION EXPIRES 08/12/2006 ST. CHARLES COUNTY ŝ

2

Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Darren J. Kassab

STATE OF

COUNTY OF

On this $\underline{//}$ day of \underline{March}_{2003} before me, a Notary Public, within and for the County of $\underline{OF}_{March}_{1}$, State of \underline{M}_{1} , personally appeared Darren J. Kassab, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

ily Renningon Notary Public ノ

My Commission Expires:

TREVERLY PENNINGTON MOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2006 ST, CHARLES COUNTY

Khanne

Ish K. Khanna

STATE OF

COUNTY OF

On this 16 day of <u>march</u>, 200% before me, a Notary Public, within and for the County of <u>Gwinney</u>, State of <u>Georgia</u>, personally appeared Ish K. Khanna, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Limborty a. Melion

My Commission Expires: <u>april 11, 2006</u>

KIMBERLY A. MELIORIS Notary Public, State of Georgia Fulton County My Commission Expires April 11, 2006

Stephen *K*. Kolodziej

STATE OF

COUNTY OF

On this 5^{+} day of $4a_{1}$, 200 before me, a Notary Public, within and for the County of 5+ (harles). State of $4i_{3}$, 200, personally appeared Stephen A. Kolodziej, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires:_



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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Mun

/ark A. Massa

STATE OF

COUNTY OF

On this 15 day of March before me, a Notary Public, within and , State of Mussbuck, personally appeared Mark for the County of DI Gouces A. Massa, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

ennington

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2008 ST. CHARLES COUNTY

1

Attorney Docket No. 00988/1/US HDP Docket No 2794-000053/US

lose

STATE OF

COUNTY OF

On this \underline{A} day of \underline{March} , 2007 before me, a Notary Public, within and for the County of \underline{A} . State of $\underline{Miccouri}$, personally appeared Joseph J. McDonald, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires:



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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Burry. Muller

L

STATE OF

COUNTY OF

200 On this <u>//</u> day of <u> \mathcal{G} day of</u> <u> \mathcal{G} day of <u> \mathcal{G} day of</u> <u> \mathcal{G} day of</u> <u> \mathcal{G} day of <u> $\mathcal{G}</u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u></u>$ V. Mischke, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

ublic Persington

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2006 ST. CHARLES COUNTY

Deborah A. Mischke

COUNTY OF Stheers :

On this <u>4</u> day of <u>March</u>, 2007 before me, a Notary Public, within and for the County of <u>St Louis</u>, State of <u>Missouri</u>, personally appeared Deborah A. Mischke, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires:

PATRICIA A. HRASTICH NOTARY PUBLIC-STATE OF MISSOURI MY COMMISSION EXPIRES DEC. 17, 2007 ST. LOUIS COUNTY



10 MAR 0 9 Patrick B. Mullins

STATE OF

COUNTY OF

On this $\underline{11}$ day of \underline{March} , 2004 for the County of \underline{Af} day of \underline{March} , 2003 before me, a Notary Public, within and for the County of \underline{Af} day \underline{Af} day \underline{Af} . State of \underline{March} , personally appeared Patrick B. Mullins, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

4 Bunington

My Commission Expires: <u>OF VERILY PENNINGTON</u>

2

NCTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 06/12/2006 ST. CHARLES COUNTY :

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

<u>3/10</u>/04 Mark A. Nagy

STATE OF

COUNTY OF

On this $\underline{//}$ day of $\underline{//}$ day of \underline{//} day of $\underline{//}$ day of $\underline{/}$ day of \underline{/} day of $\underline{/}$ day of $\underline{/}$ day of \underline{/} day of $\underline{/}$ day of \underline{/} day of $\underline{/}$ day of \underline{/} day of \underline{/} day of \underline{/} day of \underline{/} day of $\underline{/}$ day of \underline{/} day of \underline{/} day of \underline{/} d

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

+ Pennington

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2008 ST. CHARLES COUNTY 1 2

Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

onica D. Morte-Monica B. Norton

1

STATE OF

COUNTY OF

On this $\underline{4}$ day of \underline{March} , 2005 before me, a Notary Public, within and for the County of $\underline{54}$. (Marches, State of $\underline{Missouri}$, personally appeared Monica B. Norton, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires:_

the state of the second se	
	MICHELLER, BECKER
	Notary Public - Notary Seal
	State of Missouri
•	St Charles County
Mvo	Commission Expires Oct 22, 2005

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

STATE OF

COUNTY OF

On this $\underline{//}$ day of $\underline{//a_{1}}$ day of $\underline{//a_{2}}$, 2003 before me, a Notary Public, within and for the County of $\underline{//a_{2}}$, State of $\underline{//a_{2}}$, personally appeared Joseph G. Rico, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Lenne nator

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2008 ST. CHARLES COUNTY

elle a. Schnedt

STATE OF

COUNTY OF

200 On this 15th day of March 2003' before me, a Notary Public, within and for the County of $\underline{At Gauce}$, State of $\underline{M_{estocul}}$, personally appeared Michelle A. Schmidt, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Rennengton

My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2009 ST. CHARLES COUNTY

Nothen Ul Stato 3/8/04

Nathan W. Stehle

STATE OF Warrowin

COUNTY OF wardenigton:

2004 3804 On this 8th day of march , 2003 before me, a Notary Public, within and for the County of <u>unangene</u>, State of <u>uningene</u>, personally appeared Nathan W. Stehle, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

ๆเจรโดน My Commission Expires:

John J. Talley

STATE OF

COUNTY OF

On this 2 day of <u>MARCH</u>, 2004 before me, a Notary Public, within and for the County of <u>Suffork</u>. State of <u>MASACHUSETTS</u>, personally appeared John J. Talley, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Notary Public

My Commission Expires: 8 21 09

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2

5-28-04

Vernier

STATE OF California COUNTY OF San D. AN

On this day of day of 200 before me, a Notary Public, within and for the County of <u>San Drego</u>, State of <u>a Lon</u>, personally appeared William F. Vernier, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have bereunto set my hand and seal the date and year last above written.



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Page 30 of 33

Clara I. Villamil

STATE OF Illusis

On this $\underline{/0}$ day of $\underline{//a...}$, 2004 before me, a Notary Public, within and for the County of $\underline{/a...}$, State of $\underline{/...}$, personally appeared Clara I. Villamil, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

n<u>una</u> Iotary Public

My Commission Expires: <u>4-16-07</u>

OFFICIAL SEAL KRUSTINE M FLAMMANG NOTINGY PUBLIC - STATE OF BLUNOIS MY COMMISSION EXPIRES: 04-16-47

> PATENT REEL: 014903 FRAME: 0480

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Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Lijuan J. 'ang

STATE OF

COUNTY OF

On this // day of March, 2003 before me, a Notary Public, within and for the County of At House, State of Mraner 1, personally appeared Lijuan J. Wang, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

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My Commission Expires:

BEVERLY PENNINGTON NOTARY PUBLIC - STATE OF MISSOURI MY COMMISSION EXPIRES 08/12/2006 ST. CHARLES COUNTY :

Attorney Docket No. 00988/1/US HDP Docket No. 6794-000053/US

Thomas A. Wynn

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STATE OF

COUNTY OF

On this <u>3</u> day of <u>10</u>, <u>2004</u>, <u>2005</u> before me, a Notary Public, within and for the County of <u>NUCAUAUA</u>, State of <u>NAACUAUAUA</u>, personally appeared Thomas A. Wynn, to me known to be the person described in and who acknowledged executing the forgoing instrument as a free act and deed, and who also represented that he/she is authorized to execute the same.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

eather Carbone

Notary Public

My Commission Expires:

HEATHER CARBONE Notary Public My Commission Expires Subruary 11,2005

RECORDED: 07/26/2004

PATENT REEL: 014903 FRAME: 0482