FORM PTO-1595 RECORDATION PATE 10 • 20 • 50 PATE		ENT OF COMMERCE RADEMARK OFFICE
To the Honorable Commissioner of Patents and Trademark		y thereof.
Name of Conveying party(ies): Sabine GENICOT Bernard KLOAREG Phillipe POTIN Brian RUDOLPH Gerhard De RUITER	Name and address of receiving party(ics)  Name: Hercules Incorporated	
Bea PENNINKHOF Odile RICHARD	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes X No		
3 Nature of conveyance:	Street Address: 1313 North Market Stre	et
AssignmentMerger	City: Wilmington State: DE	
Security Agreement Change of Name	City. State. DE	ZII . <u>19094</u>
Other		
Execution Date: September 8, 8, 8, August 29, September 5, 5, and September 1, 2000	Additional name(s) and address(es) attached? Yo	es <u>X</u> No
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the e	xecution date of the application is:	
A. Patent Application No.(s) 09/567,003	B. Patent No.(s)	
Additional numbers	attached: Yes <u>_X</u> No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involve	d:
Name: Arnold Turk		
Internal Address: P18666	7. Total Fee (37 CFR 3.41)X Enclosed  X Authorized to be charged to deposit account	-
Street Address: GREENBLUM & BERNSTEIN, P.L.C.	9 Damagit gagayant musukan	
1941 Roland Clarke Place	8. Deposit account number:	
City: Reston State: VA ZIP: 22091	19-0089 (Attached duplicate copy of this page if paying b	y deposit account)
	ISE THIS SPACE	
9. Statement and signature.	OD TIME STITES	
To the best of my knowledge and belief, the foregoing information is document.  Arnold Turk, Reg.No. 33,094  Name of Person Signing  Signature	lmes Reg. No. 40,475 10/3	of the original

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

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

REEL: 011184 FRAME: 0327

WHEREAS, Sabine GENICOT, a citizen of Belgium, whose post office address is 20, Rue Pol Pasquet. 29250 Saint Pol de Leon, France, Bernard KLOAREG, a citizen of France, whose post office address is Penn-Ar-Feunteun, 29420 Plouenan, France, Phillipe POTIN, a citizen of France, whose post office address is 377, Rue Marquise de Kergariou, 29680 Roscoff, France, Brian RUDOLPH, a citizen of Denmark, whose post office address is Overdrevsvejen 35, 4600 Køge, Denmark, Gerhard De RUITER, a citizen of The Netherlands, whose post office address is De Gaullesingel 62, 6716 LD Ede, The Netherlands, Bea PENNINKHOF, a citizen of The Netherlands, whose post office address is Lochemseweg 5a, 7214 RA Epse, The Netherlands, Odile RICHARD, a citizen of France, whose post office address is Le Bois Macquiau, 44440 Teille, France hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

## SULFOHYDROLASES, CORRESPONDING AMINO ACID AND NUCLEOTIDE SEQUENCES, SULFOHYDROLASE PREPARATIONS, PROCESSES, AND PRODUCTS THEREOF

for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office on May 9, 2000, which was awarded Application Number 09/567,003.

AND WHEREAS, Hercules Incorporated, a corporation organized and existing under the laws of Delaware, whose post-office address is 1313 North Market St., Wilmington, DE 19894, U.S.A., hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any ASSIGNEE acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

I

this 81 day of September 2000, at (ac	assignment is executed by Sabine GENICOT, ddress) Roscoff, ho Ru Jambetta, FRANCE,
STATE OF FRANCE	Sabine GENICOT  SS.   SS.
) S. GENICO T personally known to 1	d for the State and County aforesaid, do hereby certify that me to be the same person whose name is subscribed to the day in person and acknowledged that he executed the said uses and purposes therein set forth.
HARNIST TO DELITE TO DELIT	My commission expires  Assignment is executed by Bernard KLOAREG, this  Roscoff, 40 nm Sambebla, FRANCE
STATE OF FRANCE _	Bernard KLOAREG  SS
I, the undersigned, a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in a Notary Public in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I, the undersigned in a Notary Public in and I in a Notary Public in a Nota	
N WITNESS WHEREOF, I have hereunto serieus e HARIVIS	set my hand and notarial seal this 8th day of  Adie HARNIST  Notary Public  My commission expires

D.	1.8	66	6	Δ	$\subseteq$	٠

of Setember 2000. at (address) Ros	ssignment is executed by Phillipe POTIN, this 8th day COFF, 40 me gambetha, FRANCE
	Phillipe POTIN
STATE OF FRANCE	
COUNTY OF	) SS. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
foregoing instrument, appeared before me this instrument as his free and voluntary act, for the	
IN WITNESS WHEREOF, I have hereunto:	set my hand and notarial seal this 3th day of
W A HANGE TO THE SAME OF THE S	My commission expires
SEAL POSCO	
IN TESTIMONY WHEREOF, this a this day of 2000, at (ad	dress)
	Brian RUDOLPH
STATE OF	) ) SS.
COUNTY OF	)
, personally known to a	d for the State and County aforesaid, do hereby certify that me to be the same person whose name is subscribed to the day in person and acknowledged that he executed the said uses and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto s	set my hand and notarial seal this day of
	Notary Public
	My commission expires
SEAL	

IN TESTIMONY WI	HEREOF, this assignm	ent is executed by Gerhard De I	RUITER,
this day of	2000, at (address) _		
		Gerhard De RUITER	
STATE OF	) ) SS		
COUNTY OF	)	).	
, perso	onally known to me to be d before me this day in p	State and County aforesaid, do here the same person whose name is suberson and acknowledged that he exed purposes therein set forth.	oscribed to the
IN WITNESS WHEREOF, I	have hereunto set my	hand and notarial seal this	day of
		Notary	Public
		My commission expires	
SEAL			
IN TESTIMONY WI	HEREOF, this assignm 2000, at (address) _	Bea PENNINKHOF	KHOF, 
OT LTC OF	`	Dea I ENTRICE	
STATE OF	) ) SS	S.	
COUNTY OF	)		
, perso	onally known to me to be I before me this day in p	e State and County aforesaid, do here the same person whose name is sub- erson and acknowledged that he exe d purposes therein set forth.	oscribed to the
IN WITNESS WHEREOF, I	have hereunto set my	hand and notarial seal this	day of
		Notary	Public
SEAL		My commission expires	

, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this \_\_\_\_\_ day of 

Notary Public

My commission expires

SEAL

WHEREAS, Sabine GENICOT, a citizen of Belgium, whose post office address is 20, Rue Pol Pasquet, 29250 Saint Pol de Leon, France, Bernard KLOAREG, a citizen of France, whose post office address is Penn-Ar-Feunteun, 29420 Plouenan, France, Phillipe POTIN, a citizen of France, whose post office address is 377, Rue Marquise de Kergariou, 29680 Roscoff, France, Brian RUDOLPH, a citizen of Denmark, whose post office address is Overdrevsvejen 35, 4600 Køge, Denmark, Gerhard De RUITER, a citizen of The Netherlands, whose post office address is De Gaullesingel 62, 6716 LD Ede, The Netherlands, Bea PENNINKHOF, a citizen of The Netherlands, whose post office address is Lochemseweg 5a, 7214 RA Epse, The Netherlands, Odile RICHARD, a citizen of France, whose post office address is Le Bois Macquiau, 44440 Teille, France hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

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for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office on May 9, 2000, which was awarded Application Number 09/567,003.

AND WHEREAS, **Hercules Incorporated**, a corporation organized and existing under the laws of Delaware, whose post-office address is 1313 North Market St., Wilmington, DE 19894, U.S.A., hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

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AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any ASSIGNEE acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

1

IN TESTIMONY V	HEREOF, this assignment is executed by <b>Sabine GENICOT</b> , 2000, at (address)
uns day or	2000, at (address)
STATE OF	Sabine GENICOT
COUNTY OF	) SS. )
foregoing instrument, appear	otary Public in and for the State and County aforesaid, do hereby certify on ally known to me to be the same person whose name is subscribed to defore me this day in person and acknowledged that he executed the ntary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF,, 20	have hereunto set my hand and notarial seal this day
	Notary Public
	My commission expires
IN TESTIMONY W	HEREOF, this assignment is executed by <b>Bernard KLOAREG</b> , 2000, at (address)
	Bernard KLOAREG
STATE OF	) ) SS.
COUNTY OF	)
, pers	tary Public in and for the State and County aforesaid, do hereby certify nally known to me to be the same person whose name is subscribed to before me this day in person and acknowledged that he executed the
instrument as his free and vol	ntary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, 20	have hereunto set my hand and notarial seal this day
	Notary Public
SEAL	My commission expires

IN TESTIMONY WHER of 2000, at (add		cuted by <b>Phillipe POTIN</b> , this	
	Phillipe	POTIN	
STATE OF	) ) SS.		
COUNTY OF	)		
	y known to me to be the same fore me this day in person and		ed to the
IN WITNESS WHEREOF, I have, 20	e hereunto set my hand and	notarial seal this	day of
		Notary Publ	ie
	My com	mission expires	
SEAL			
this 29 day of AUCUST 2		Bran Rudoff	
STATE OF	) ) SS.	720784 01 6000.200	
COUNTY OF	) 33.	- <b>0000-003</b> 77/00	(A.44) (A)
I, the undersigned a Notary , personall foregoing instrument, appeared befinstrument as his free and voluntary	y known to me to be the same fore me this day in person and		ed to the
IN WITNESS WHEREOF, I have, 20	e hereunto set my hand and	notarial seal this	day of
This is to certify that Poco	Padalah	Notary Publi	ic
whose identity has been substance for this day has signed this doku SEAM Testimony whereof I have her and affixed the notorial seal of o	ntiated to me producing y coming 19132 iment in my presence.		
Notariate af Koege, Benmark, Susanne Graffm	the 29th of aug ann Larsen	w1 2000	
dfm			

**REEL: 011184 FRAME: 0335** 

is assigni	ment is executed by Gerhard De RUITER.
address)	
	Gerhard De RUITER
)	
) S	SS.
to me to b is day in p	ne State and County aforesaid, do hereby certify that be the same person whose name is subscribed to the person and acknowledged that he executed the said and purposes therein set forth.
o set my	hand and notarial seal this day of
	Notary Public
	My commission expires
s assignr address)	ment is executed by Bea PENNINKHOF,  Bea PENNINKHOF
)	
) S	S.
and for the	e State and County aforesaid, do hereby certify that
o me to b is day in p	the the same person whose name is subscribed to the person and acknowledged that he executed the said and purposes therein set forth.
o me to b is day in p he uses ar	person and acknowledged that he executed the said
o me to b is day in p he uses ar	person and acknowledged that he executed the said nd purposes therein set forth.
	address)  and for the to me to be is day in place are my  s assignment address)  and for the control of the uses are my

this	IN TESTIMONY W day of					
	day or	2000, at (addie)				·
			Odil	e RICHARD		
STAT	E OF	)	SS.			
COUN	ITY OF	)	55.			
	I, the undersigned, a N, pers ing instrument, appeare nent as his free and volu	onally known to me ted before me this day	to be the sa in person a	ame person whose n and acknowledged t	name is subscri that he execute	ibed to the
	ITNESS WHEREOF, I	have hereunto set	my hand a	and notarial seal t	his	day of
					Notary Pub	olic
SEAL			Мус	ommission expires		

WHEREAS, Sabine GENICOT, a citizen of Belgium, whose post office address is 20, Rue Pol Pasquet, 29250 Saint Pol de Leon. France, Bernard KLOAREG, a citizen of France, whose post office address is Penn-Ar-Feunteun, 29420 Plouenan, France, Phillipe POTIN, a citizen of France, whose post office address is 377, Rue Marquise de Kergariou, 29680 Roscoff, France, Brian RUDOLPH, a citizen of Denmark, whose post office address is Overdrevsvejen 35, 4600 Køge, Denmark, Gerhard De RUITER, a citizen of The Netherlands, whose post office address is De Gaullesingel 62, 6716 LD Ede, The Netherlands, Bea PENNINKHOF, a citizen of The Netherlands, whose post office address is Lochemseweg 5a, 7214 RA Epse, The Netherlands, Odile RICHARD, a citizen of France, whose post office address is Le Bois Macquiau, 44440 Teille, France hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

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for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office on May 9, 2000, which was awarded Application Number 09/567,003.

AND WHEREAS, Hercules Incorporated, a corporation organized and existing under the laws of Delaware, whose post-office address is 1313 North Market St., Wilmington, DE 19894, U.S.A., hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

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1

this day of 2	2000, at (address)
	Sabine GENICOT
STATE OF	) ) SS.
COUNTY OF	) 33.
foregoing instrument, appeared before	Public in and for the State and County aforesaid, do hereby certify that known to me to be the same person whose name is subscribed to the re me this day in person and acknowledged that he executed the said act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have, 20	hereunto set my hand and notarial seal this day of
	Notary Public
	My commission expires
IN TESTIMONY WHERE	OF, this assignment is executed by Bernard KLOAREG, this
day of 2000, a	t (address)
	•
	Bernard KLOAREG
STATE OF	) ) SS.
COUNTY OF	) 33.
	ublic in and for the State and County aforesaid, do hereby certify that known to me to be the same person whose name is subscribed to the
foregoing instrument, appeared befor	e me this day in person and acknowledged that he executed the said ct, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have i	hereunto set my hand and notarial seal this day of
	Notary Public
SEAL	My commission expires

SEAL.

IN TESTIMONY this <u>5<sup>th</sup></u> day of <u>septemb</u>	WHEREOF, this assignment is executed by Gerhard De RUITER, 2000, at (address) Molandard II Edo Nethelands
·	Ja de
	Gerhard De RUITER
STATE OF	)
COUNTY OF	) SS. )
foregoing instrument, appear	Notary Public in and for the State and County aforesaid, do hereby certify that ersonally known to me to be the same person whose name is subscribed to the ared before me this day in person and acknowledged that he executed the said pluntary act, for the uses and purposes therein set forth.
September, 2000.	I have hereunto set my hand and notarial seal this bear day of Notary Public
SEAL  IN TESTIMON this day of	* My commission expires
	Bea PENNINKHOF
STATE OF	)
COUNTY OF	) SS. )
foregoing instrument, appea	Notary Public in and for the State and County aforesaid, do hereby certify that resonally known to me to be the same person whose name is subscribed to the red before me this day in person and acknowledged that he executed the said luntary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, 20	I have hereunto set my hand and notarial seal this day of
	Notary Public
SEAL	My commission expires

this day of 2000, at (a	assig	gnment is executed by Odile RICHARD, ss)
		Odile RICHARD
STATE OF	)	SS.
COUNTY OF	)	33.
, personally known to	me t s day	r the State and County aforesaid, do hereby certify that to be the same person whose name is subscribed to the in person and acknowledged that he executed the said is and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto, 20	set 1	my hand and notarial seal this day of
		Notary Public
SEAL		My commission expires

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D

R18666.AS1			
IN TESTIMONY V	VHEREOF, this assignm	ent is executed by Sabin	e GENICOT,
this \( \square \) day of \( \ldots \)	2000, at (address)		
		Sabine GENICOT	
STATE OF	)		
COUNTY OF	) SS	<b>.</b>	
I the undergrand of	Jotony Dublic in and for the	State and County aforesaid	L do haraby partify that
, per	sonally known to me to be	the same person whose na	pie is subscribed to the
foregoing instrument, appear instrument as his free and vol	ed before me this day in pe antary act, for the uses and	erson and acknowledged <b>/</b> ! I purposes therein set forth	at he executed the said
IN WITNESS WHEREOF,			
	T have hereumo set my h	mand and notarial scar til	day of
			Notary Public
		My commission expires	
SEAL			
	AIEDEOE this againm	ant is executed by Down	ad IZI OADEC Alda
day of		ent is executed by Berna	
		Bernard KLOAREG	
STATE OF	)		
COUNTY OF	) SS.		
		State and County aforesaid the same person whose na	
foregoing instrument appeared instrument as his free and volument	ed before me this day in pe	erson and acknowledged th	at he executed the said
IN WITNESS WHEREOF,	I have hereunto set my h	nand and notarial seal thi	s day of
, 20			
			Notam Duklis
per de la companya de			Notary Public
<del>fr. v</del>		My commission expires _	



•	REOF, this assignment is executed by Phillipe POTIN, thisday dress)
of 2000, at (add	diess)
	Phillipe POTIN
STATE OF \	) ) SS.
COUNTY OF	) 33.
I, the undersigned a Notary	Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the
foregoing instrument, appeared be	fore me this day in person and acknowledged that he executed the said
nstrument as his free and voluntar	y act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I hav	ve hereunto set my hand and notarial seal this day of
, 20	
	Notary Public
	My commission expires
	ivity commission expires
SEAL	
IN TESTIMONY WHER	REOF, this assignment is executed by Brian RUDOLPH,
IN TESTIMONY WHER	REOF, this assignment is executed by Brian RUDOLPH, 2000, at (address)
IN TESTIMONY WHER	REOF, this assignment is executed by Brian RUDOLPH, 2000, at (address)
IN TESTIMONY WHER	2000, at (address)
IN TESTIMONY WHER	REOF, this assignment is executed by Brian RUDOLPH, 2000, at (address)  Brian RUDOLPH
IN TESTIMONY WHER	2000, at (address)  Brian RUDOLPH
IN TESTIMONY WHER	2000, at (address)
IN TESTIMONY WHER his day of	2000, at (address)  Brian RUDOLPH
IN TESTIMONY WHER this day of  STATE OF COUNTY OF  I, the undersigned a Notary	Brian RUDOLPH  ) SS.  ) Public in and for the State and County aforesaid, do hereby certify that
IN TESTIMONY WHER this day of  STATE OF  COUNTY OF  I, the undersigned a Notary , personal	Brian RUDOLPH  ) SS.  ) Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the
STATE OF  COUNTY OF  I, the undersigned a Notary , personall foregoing instrument, appeared be	Brian RUDOLPH  ) SS.  ) Public in and for the State and County aforesaid, do hereby certify that
IN TESTIMONY WHEE  this day of  STATE OF  COUNTY OF  I, the undersigned a Notary, personall foregoing instrument appeared be instrument as his free and voluntary	Brian RUDOLPH  ) SS.  Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the fore me this day in person and acknowledged that he executed the said y act, for the uses and purposes therein set forth.
IN TESTIMONY WHEE  his day of  STATE OF  I, the undersigned a Notary, personall foregoing instrument appeared be instrument as his free and voluntary  N WITNESS WHEREOF, I have	Brian RUDOLPH  SS.  Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the fore me this day in person and acknowledged that he executed the said
IN TESTIMONY WHER his day of  STATE OF  COUNTY OF  I, the undersigned a Notary, personall foregoing instrument appeared be instrument as his free and voluntary	Brian RUDOLPH  ) SS.  Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the fore me this day in person and acknowledged that he executed the said y act, for the uses and purposes therein set forth.
IN TESTIMONY WHEE  his day of  STATE OF  I, the undersigned a Notary, personall foregoing instrument appeared be instrument as his free and voluntary  N WITNESS WHEREOF, I have	Brian RUDOLPH  ) SS. ) Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the fore me this day in person and acknowledged that he executed the said y act, for the uses and purposes therein set forth.  The hereunto set my hand and notarial seal this day of
IN TESTIMONY WHEE  his day of  STATE OF  I, the undersigned a Notary, personall foregoing instrument appeared be instrument as his free and voluntary  N WITNESS WHEREOF, I have	Brian RUDOLPH  ) SS.  Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the fore me this day in person and acknowledged that he executed the said y act, for the uses and purposes therein set forth.
IN TESTIMONY WHER this day of  STATE OF  I, the undersigned a Notary , personall foregoing instrument appeared be instrument as his free and voluntary  IN WITNESS WHEREOF, I have	Brian RUDOLPH  ) SS. ) Public in and for the State and County aforesaid, do hereby certify that ly known to me to be the same person whose name is subscribed to the fore me this day in person and acknowledged that he executed the said y act, for the uses and purposes therein set forth.  The hereunto set my hand and notarial seal this day of

this day of	2000, at (address)	
	$\overline{G}$	erhard De RUITER
0T. T. OT		
STATE OF	) ) SS.	
COUNTY OF	)	
, p	ersonally known to me to be the	ate and County aforesaid, do hereby ces same person whose name is subscrib on and acknowledged that he executed
instrument as his free and v	voluntary act, for the uses and pu	irposes therein set forth.
IN WITNESS WHEREOF	, I have hereunto set my han	d and notarial seal this
		Notary Publ
. et alle de la company	М	y commission expires
, **		
IN TESTIMONY this 5th day of Septem	WHEREOF, this assignment	is executed by Bea PENNINKHO
IN TESTIMONY this 5th day of Septem	WHEREOF, this assignment  2000, at (address)	is executed by Bea PENNINKHO
IN TESTIMONY this 5th day of Septem	<u>ber</u> 2000, at (address)	is executed by Bea PENNINKHO
IN TESTIMONY this 5th day of Septem	<u>ber</u> 2000, at (address)	The state of the s
this <b>5th</b> day of <b>Septem</b>	<u>ber</u> 2000, at (address)	The state of the s
this <b>5</b> th day of <b>Septem</b> STATE OF  COUNTY OF	Be 2000, at (address)	ea PENNINKHORI
STATE OF  COUNTY OF  I, the undersigned, a  BLA PENNINK MAY, perforegoing instrument, appear	Box 2000, at (address)	te and County aforesaid, do hereby cer same person whose name is subscribe on and acknowledged that he executed
STATE OF  COUNTY OF  I, the undersigned, a  Bir Pervivious, perforegoing instrument, appearinstrument as his free and very	Box 2000, at (address)  Box SS.  Notary Public in and for the Statersonally known to me to be the ared before me this day in personal public in the uses and public in the use and public in the use and the use a	te and County aforesaid, do hereby cer same person whose name is subscribe on and acknowledged that he executed
STATE OF  COUNTY OF  I, the undersigned, a  BELL PEVNINK LINE, perforegoing instrument, appearing the strument as his free and very  IN WITNESS WHEREOF  Sphorstraat 2-4 Postadres: Postulos 49  Breens 3800 AA AMERSFOORT	Box 2000, at (address)  Box SS.  Notary Public in and for the Statersonally known to me to be the ared before me this day in personal public in the uses and public in the use and public in the use and the use a	te and County aforesaid, do hereby cer same person whose name is subscribe in and acknowledged that he executed riposes therein set forth.  d and notarial seal this 564
STATE OF  I, the undersigned, a  BLA POVENING LOST  Oregoing instrument, appearing instrument as his free and very lost of the state of	Notary Public in and for the Statersonally known to me to be the ared before me this day in personal public for the uses and put. I have hereunto set my han	te and County aforesaid, do hereby cer same person whose name is subscribe in and acknowledged that he executed imposes therein set forth.

P18666.AS1	WILDEOF this assignment is avacuted by Odila DICHADD
this day of	VHEREOF, this assignment is executed by Odile RICHARD,  2000, at (address)
	Odile RICHARD
STATE OF	) SS.
COUNTY OF	33.
foregoing instrument, appear	Notary Public in and for the State and County aforesaid, do hereby certify that sonally known to me to be the same person whose name is subscribed to the ed before me this day in person and acknowledged that he executed the said untary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF,	I have hereunto set my hand and notarial seal this day of
	Notary Public
	My commission expires

WHEREAS, Sabine GENICOT, a citizen of Belgium, whose post office address is 20, Rue Pol Pasquet, 29250 Saint Pol de Leon, France, Bernard KLOAREG, a citizen of France, whose post office address is Penn-Ar-Feunteun, 29420 Plouenan, France, Phillipe POTIN, a citizen of France, whose post office address is 377, Rue Marquise de Kergariou, 29680 Roscoff, France, Brian RUDOLPH, a citizen of Denmark, whose post office address is Overdrevsvejen 35, 4600 Køge, Denmark, Gerhard De RUITER, a citizen of The Netherlands, whose post office address is De Gaullesingel 62, 6716 LD Ede, The Netherlands, Bea PENNINKHOF, a citizen of The Netherlands, whose post office address is Lochemseweg 5a, 7214 RA Epse, The Netherlands, Odile RICHARD, a citizen of France, whose post office address is Le Bois Macquiau, 44440 Teille, France hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

## SULFOHYDROLASES, CORRESPONDING AMINO ACID AND NUCLEOTIDE SEQUENCES, SULFOHYDROLASE PREPARATIONS, PROCESSES, AND PRODUCTS THEREOF

for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office on May 9, 2000, which was awarded Application Number 09/567,003.

AND WHEREAS, Hercules Incorporated, a corporation organized and existing under the laws of Delaware, whose post-office address is 1313 North Market St., Wilmington, DE 19894, U.S.A., hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any ASSIGNEE acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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this day of ?	2000, at (address)
STATE OF	Sabine GENICOT
STATE OF	) ) SS.
COUNTY OF	)
foregoing instrument, appeared before	Public in and for the State and County aforesaid, do hereby certify that known to me to be the same person whose name is subscribed to the ore me this day in person and acknowledged that he executed the said act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have, 20	hereunto set my hand and notarial seal this day of
	Notary Public
	My commission expires
	•
SEAL	
IN TESTIMONY WHERE and also of 2000, and also of	EOF, this assignment is executed by Bernard KLOAREG, this at (address)
	D. LIVI O. DDC
	Bernard KLOAREG
STATE OF	)
COUNTY OF	) SS. )
I, the undersigned, a Notary P	Public in and for the State and County aforesaid, do hereby certify that
foregoing instrument, appeared before	known to me to be the same person whose name is subscribed to the re me this day in person and acknowledged that he executed the said act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have, 20	hereunto set my hand and notarial seal this day of
	Notary Public
	·
SEAL	My commission expires

of 2000. at (ad	idress)
	Phillipe POTIN
STATE OF	) ) SS.
COUNTY OF	)
foregoing instrument, appeared b	ry Public in and for the State and County aforesaid, do hereby certify that ally known to me to be the same person whose name is subscribed to the sefore me this day in person and acknowledged that he executed the said ary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I ha	eve hereunto set my hand and notarial seal this day of
	Notary Public
	My commission expires
SEAL	
IN TESTIMONY WHE this day of	EREOF, this assignment is executed by Brian RUDOLPH, 2000, at (address)
	Brian RUDOLPH
STATE OF	) ) SS.
COUNTY OF	)
foregoing instrument, appeared b	ry Public in and for the State and County aforesaid, do hereby certify that ally known to me to be the same person whose name is subscribed to the refore me this day in person and acknowledged that he executed the said ary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I ha	ive hereunto set my hand and notarial seal this day of
	Notary Public
	My commission expires
SEAL	

this day of 2000, at (	is assignm (address) _	ent is executed by Gerhard De RUITER,
		Gerhard De RUITER
STATE OF	) ) SS	
COUNTY OF	) 33	
, personally known	to me to be iis day in p	State and County aforesaid, do hereby certify that the same person whose name is subscribed to the erson and acknowledged that he executed the said I purposes therein set forth.
IN WITNESS WHEREOF, I have hereunt	o set my	hand and notarial seal this day of
		Notary Public
		My commission expires
SEAL		
IN TESTIMONY WHEREOF, this day of 2000, at (	is assignm address) _	ent is executed by Bea PENNINKHOF,
		Bea PENNINKHOF
STATE OF	) } SS	
COUNTY OF	)	•
, personally known	to me to be	State and County aforesaid, do hereby certify that the same person whose name is subscribed to the erson and acknowledged that he executed the said
instrument as his free and voluntary act, for t	he uses and	l purposes therein set forth.
IN WITNESS WHEREOF, I have hereunt, 20	o set my	hand and notarial seal this day of
		Notary Public
SFAI		My commission expires

1111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Ordik Kiataro - le Isono Olacquem - 44 Cille - me
Ordik Righter - le Bris Dracquien - 44 Title - mie P18666.ASI à ANCENIS (44) le 21 rai 1970 - aut d'identiti 960244400223 diline le 26-2-92 pars. Pet. d'Ancomis
IN TESTIMONY WHEREOF, this assignment is executed by Odile RICHARD,
IN TESTIMONY WHEREOF, this assignment is executed by <b>Odile RICHARD</b> , this day of 2000, at (address)
L'UST
Odile RICHARD (
STATE OF HERBULT (Mancs)
STATE OF HEROULT (France)  COUNTY OF Drumpellie ) SS.
I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that CCARID, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.
IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this day of
Notary Public
My commission expires Lermanent
SEAL
RIEU. Nuisire Me René ANDRIEU



**RECORDED: 10/02/2000** 

NOTAIRE

11, Gde-Rue Jean-Moulin MONTPELLIER

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