Form PTO-1595 (Rev. 6-93)		06-2	2-2000	U.S. DE	PARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0011 (ex.	-7 PM RRG(IEET	
	FINANCE				
			87245		DN 97-030
	ant Commissioner for		ecord the attached	original docum	ents or copy thereof.
1. Name of convey	ving party(ies):	MAD	2. Name and	address of a	receiving party(ies):
Yves Duccini, Barry W Jan Shulman, Francoi Rohm and Haas Franc		eenan, $(\mathcal{J} \cdot \mathcal{J} \cdot \mathcal{I})$ aas, S.A.,	Name: ROH	M AND HA	AAS COMPANY
Additional name(s) of conveying part	v(ies) attached? [] Yes [X]	No	Internal Add	ress: Pater	nt Department
3. Nature of conve		· · · · · · · · · · · · · · · · · · ·	Street Address	s: 100 Inde	pendence Mall West
[X] Assignment [] Security Agr [] Other	reement [] Mei	ange of Name rger	City: Philade	lphia State	: PA Zip: 19106-2399
Execution Dates: <u>Keenan, Shulman).5/28/9</u> (Rohm and Haas France)		· · · · · · · · · · · · · · · · · · ·	Additional namets) and ad	dress(es) attached? [] Yes [X] No
4. Application num		umber(s):	I		
If this document is bein	ng filed together wit	th a new applica	tion, the execution	n date of the a	application is:
A. Patent Applicatio	on No.(s)		B. Patent No	.(s)	
Serial No. 09/071,02	5 filed May 1, 199	8			
	Addition	al numbers at	tached? []Yes	[X] No	
5. Name and address concerning docume	of party to whom co ant should be mailed	~	6. Total no. of ap	oplications an	d patents involved: [1]
Name: Thomas J. I	Iowell		7. Total fee (37 (CFR 3.41): \$	40.00
Internal Address: R (OHM AND HAAS	S COMPANY	[] Enclosed		ed to deposit account
Patent Departn	nent, 7 th Floor		8. Deposit accou	nt number:	
Street Address: 100	Independence M	Mall West		18-18	850
City: Philadelphia	··· ⁻)	106-2399	(Attach duplicate	e copy of this pag	e if paying by deposit account)
		DO NOT USE	THIS SPACE		
9. Statement and s					
To the best of my attached copy is	y knowledge/and a true copy of th	belief, the for e original doc	egoing informa ument.	ition is true	and correct and any
<u>Marc S. Adler</u> Attorney (or Ag	zent) Name	<u>Mars</u> Signature	eller	Date	1,2000
Registration No		J v		1 Date	
	Total num	ber of pages inclu	ding cover sheet an	d document:	15

ASSIGNMENT

WHEREAS, Yves DUCCINI, of 45 RUE DU CAURROY, 6000 BEAUVAIS, France, (hereafter "Assignor") invented certain new and useful improvements in SCALE INHIBITORS, (hereafter "INVENTION") for which on the date below an application for Letters Patent in France was filed;

WHEREAS, at the time the INVENTION was made, all right, title and interest in Assignor's INVENTION was assigned to ROHM AND HAAS FRANCE, S.A., a company organized and existing under the laws of France, and having its principal place of business at 185, rue de Bercy, 75579 Paris, Cedex 12,France, by virtue of Assignor's employment with ROHM AND HAAS FRANCE, S.A.; and whereas ROHM AND HAAS FRANCE, S.A., wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS FRANCE, S.A., for all countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the ROHM AND HAAS FRANCE, S.A. or its successors and assigns; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS FRANCE, S.A. or its successors or assigns, for its sole use and benefit and for its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

The said application for Letters Patent in France was filed on 9 MAY 1997 and bears the application number 97 05739

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed his signature.

20/05/97	Q/	~	(SEAL)	
Date	Yves	ni		
COUNTRY OF FRANCE				
persona	lly appeared before me a	nd acknowled	dged to me th	at the execution of
the foregoing instrument is a	n act of free will and deed	l of this <u>30</u>	day of	M, 1997.
[SEAL]	ROHM AND HAAS	Notary Pul	1	
On behalf of Rohm a	nd Haas France, S.A., I he	reby accept a	ssignment of	the above identified
INVENTION. <u>4697</u> Date appa	n'Hewe M.Bell		JAT THE	AR DEEALON E DE BERCY RIS CEDEX 12
COUNTRY OF FRANCE	JJ .		ERVE M. BELI NERAL MAN	
personal	y appeared before me and	d acknowleds	zed to me that	the execution of the
foregoing instrument is an ac				

[SEAL]

Notary Public

<u>ASSIGNMENT</u>

WHEREAS, Barry WEINSTEIN, of 419 Bluebird Lane, Dresher, Pennsylvania 19025, United States of America, (hereafter "Assignor") invented certain new and useful improvements in SCALE INHIBITORS, (hereafter "INVENTION") for which on the date below an application for Letters Patent in France was filed;

WHEREAS, at the time the INVENTION was made, it was agreed between the Assignor and the Assignee that all right, title and interest in Assignor's INVENTION was assigned to ROHM AND HAAS FRANCE, S.A., a company organized and existing under the laws of France, and having its principal place of business at 185, rue de Bercy, 75579 Paris, Cedex 12, France; and whereas ROHM AND HAAS FRANCE, S.A., wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS FRANCE, S.A., for all countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the ROHM AND HAAS FRANCE, S.A. or its successors and assigns; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS FRANCE, S.A. or its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

PATENT REEL: 010861 FRAME: 0063

 χ_{UQ}

The said application for Letters Patent in France was filed on 9 MAY 1997 and bears the

application number 97-05739

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed his signature.

1997 22. (SEAL) Barry Weinstein Date

COUNTRY OF UNITED STATES OF AMERICA

Barry We	intern personally appeared			
(forego:	Ing instrument is an act of free will a NOTARIAL SE PHYLLIS B. WEAVER, N Lower Gwynedd Twp., Mo My Commission Expires M	EAL Votary Public Co.	- B. Wenn	, 1997. هر
		AND HAAS FRANCI		
	On behalf of Rohm and Haas Franc	ce, S.A., I hereby accep	t assignment of the abov	e-identified
INVEN <u>3</u> C	VIION. Vu pour certification 5/5/97 signature de 9' He	n instérielle de la C. N. A. ELLEGO	Ber EFANC	E S.A.
Date	apposée ci-Cont	ě,	(Full Signatures) FARIS	CEDEX 12
COUN	TRY OF FRANCE	NAME:	HERVE M. BELLEGO	
		TITLE: <u>C</u>	GENERAL MANAGER	
			edged to me that the exec	cution of the
foregoi	ing instrument is an act of free will a	nd deed of this	day of	1997.
[SEAL]		£ —	Notary Public	-

ASSIGNMENT

WHEREAS, Andrea KEENAN, of 4027 Schoolhouse Lane, Plymouth Meeting, Pennsylvania 19462, United States of America, (hereafter "Assignor") invented certain new and useful improvements in SCALE INHIBITORS, (hereafter "INVENTION") for which on the date below an application for Letters Patent in France was filed;

WHEREAS, at the time the INVENTION was made, it was agreed between the Assignor and the Assignee that all right, title and interest in Assignor's INVENTION was assigned to ROHM AND HAAS FRANCE, S.A., a company organized and existing under the laws of France, and having its principal place of business at 185, rue de Bercy, 75579 Paris, Cedex 12,France; and whereas ROHM AND HAAS FRANCE, S.A., wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS FRANCE, S.A., for all countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the ROHM AND HAAS FRANCE, S.A. or its successors and assigns; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS FRANCE, S.A. or its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

PATENT REEL: 010861 FRAME: 0065

Nrs

The said application for Letters Patent in France was filed on 9 MAY 1997 and bears the

application number 97-05739

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed his signature.

May 23, 1997 Date

Cindera Kecha z (SEAL) Andrea Keenan

COUNTRY OF UNITED STATES OF AMERICA

	personally appeared before me and is an act of free will and deed of this	acknowledged to me that the execution of the 32 day of \underline{M} \underline{A} , 1997.
[SEAL]	NOTARIAL SEAL PHYLLIS B. WEAVER, Notary Public Lower Gwynedd Twp., Montgomery Co. My Commission Expires May 10, 2001	Jotary Public
	ROHM AND HAAS F	
On behalf of 2	Rohm and Haas France, S.A., I hereb	y accept assignment of the above-identified
INVENTION. $30/5/97$	Vu pour certification matérielle de la signature de 1 H CUC N. BELLEG	RELEPANCE S.A.
Date	apposée ci- contre,	(Full Signature) (Full Signature) 75579 PARIS CEDEX 12
COUNTRY OF FRAN	ICE	NAME: <u>HERVE M. BELLEGO</u>
	-	IITLE: GENERAL MANAGER
		cknowledged to me that the execution of the
foregoing instrument	is an act of free will and deed of this	a day of, 1997.
[SEAL]	H.	Notary Public
	\cup	

ASSIGNMENT

WHEREAS, Jan SHULMAN, of 8 Hibiscus Place, Newtown, Pennsylvania 18940, United States of America, (hereafter "Assignor") invented certain new and useful improvements in SCALE INHIBITORS, (hereafter "INVENTION") for which on the date below an application for Letters Patent in France was filed;

WHEREAS, at the time the INVENTION was made, it was agreed between the Assignor and the Assignee that all right, title and interest in Assignor's INVENTION was assigned to ROHM AND HAAS FRANCE, S.A., a company organized and existing under the laws of France, and having its principal place of business at 185, rue de Bercy, 75579 Paris, Cedex 12,France; and whereas ROHM AND HAAS FRANCE, S.A., wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS FRANCE, S.A., for all countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the ROHM AND HAAS FRANCE, S.A. or its successors and assigns; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS FRANCE, S.A. or its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

PATENT REEL: 010861 FRAME: 0067

AUG

The said application for Letters Patent in France was filed on 9 MAY 1997 and bears the

application number 97-05739

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed his signature.

Jan Shulman (SEAL) May 22, 1997 Date

COUNTRY OF UNITED STATES OF AMERICA

Jan	foregoing instrument is an act of free will and deed of this	cknowledged to me that the execution of the $2\overline{2}$ day of \underline{M} \underline{M} \underline{M} \underline{M} 1997.
	[SEAL] PHYLLIS B. WEAVER, Notary Fublic Lower Gwynedd Twp., Montgomery Con My Commission Expires May 10, 2001	Dain B. Deaver otary Public
	ROHM AND HAAS FR	ANCE, S.A.
	On behalf of Rohm and Haas France, S.A., I hereby	accept assignment of the above-identified
	INVENTION.Vu pour certification matérielle de la $30/5/97$ signature de N'Heure N. BELLEGODateapposée ci- Contra-	ROHM AND HAAS ROHM AND HAAS FRANCEAS.A. LA TOUR DE LYON (Full Signatus) RUE DE BERCY 75579 PARIS CEDEX 12
	COUNTRY OF FRANCE N	AME: HERVE M. BELLEGO
		ITLE: GENERAL MANAGER knowledged to me that the execution of the day of 1997.

ASSIGNMENT

WHEREAS, Francois GAUTHIER, of 8 allée de la source, 60550 Verneuil en Halatte, France, (hereafter "Assignor") invented certain new and useful improvements in SCALE INHIBITORS, (hereafter "INVENTION") for which on the date below an application for Letters Patent in France was filed;

WHEREAS, at the time the INVENTION was made, all right, title and interest in Assignor's INVENTION was assigned to NORSOHAAS, S.A., a company organized and existing under the laws of France, and having its principal place of business at 10 Av. de Bergoide, F60550 Verneuil en Halatte, France, by virtue of Assignor's employment with NORSOHAAS, S.A.; and whereas NORSOHAAS, S.A., wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to NORSOHAAS, S.A., for all countries, the entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the NORSOHAAS, S.A. or its successors and assigns; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to NORSOHAAS, S.A. or its successors or assigns, for its sole use and benefit and for its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

The said application for Letters Patent in France was filed on 9 MAY 1997 and bears the application number 97-05739

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed his signature.

2815197

Date

_ (SEAL) GAUTHIER

COUNTRY OF FRANCE

personally appeared before r	me and acknowledged to me that the execution of
the foregoing instrument is an actor the will and	deed of this <u>18</u> day of <u>1</u> <u>1 <u>1</u> <u>1 <u>1</u> <u>1</u><u>1</u><u>1</u><u>1</u><u>1</u><u>1</u><u>1</u><u>1</u></u></u>
[SEAL]	Notary Public HAAS, S.A.
On behalf of Norsohaas, S.A., I hereby acc	ept assignment of the above-identimersohaas S.A.
INVENTION.	PARC TECHNOLOGIQUE ALATA
20/05/97	B.P. 4
Date	(Full Signature) FRANCE N° SIRET 351 276 852 00016
COUNTRY OF FRANCE	NAME: O. NULLIEZ, SERMET
	NAME: <u>?. VULLIEZ. SERME</u> T TITLE: General Manager.
personally appeared before m	e and acknowledged to me that the execution of the
foregoing instrument is an act of free will and deed	
[SEAL]	
	Notary Public
Lave G	UERIA

E CREIL *

ASSIGNMENT

WHEREAS, NORSOHAAS, S.A., a company organized and existing under the laws of France and having its principal place of business at 10 Av. de Bergoide, F60550 Verneuil en Halatte, France, (hereafter "Assignor"), is the part owner of certain new and useful improvements in SCALE INHIBITORS (hereinafter "INVENTION") for which French Patent Application No. 97-05739 was filed on 9 MAY 1997.

WHEREAS, Assignor now wishes to assign its entire right, title and interest in the INVENTION to ROHM AND HAAS FRANCE S.A., acompany organized and existing under the laws of France, and having its principal place of business at 185 rue de Bercy, 75579 Paris,Cedex 12, France, which wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS FRANCE S.A., for all foreign countries, its entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the ROHM AND HAAS FRANCE S.A. and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS FRANCE S.A. for its sole use and benefit and for its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

IN TESTIMONY WHERE signature(s). Date	-46-	legally bound has hereunto affixed its NORSOHAAS S.A. PARC TECHNOLOGIQUE ALATA B.P. 4 <u>60550EXERNEUIL EN HALATTE</u> FRANCE № SIRET 351 276 852 00016
	General Manager for Norse	Haas S.A.
COUNTRY OF FRANCE	:	
personally	appeared before me and ack	nowledged to me that the execution of
the foregoing instrument is an act of	of free will and deed of this	L day of <u>M</u> 44, 1997 tary Public

On behalf of Rohm and HaasFrance S.A., I hereby accept assignment of the above-identified

INVENTION.	Vu pour certification matéria	He de la
4/6/97	signature de Milleure n. B. apposée ci-centre	FRAMCE S.A.
Date		LA (BBAB) DE LYON Herve M Bellego 185, RUE DE BERCY 75579 PARIS CEDEX 12
	AL	75579 FARIS CEDEX 12 General Manager
COUNTRY OF F	RANCE	
	\mathcal{O}	

<u>Herve M. Bellego</u> personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this _____ day of _____, 1997.

[SEAL]

Notary Public

DN:97-30

ASSIGNMENT

WHEREAS, ROHM AND HAAS FRANCE, S.A., a company organized and existing under the laws of France and having its principal place of business at 185, rue de Bercy, 75579 Paris, Cedex 12, France, (hereafter "Assignor"), is the part owner of certain new and useful improvements in SCALE INHIBITORS (hereinafter "INVENTION") for which French Patent Application No. 97-05739 was filed on 9 MAY 1997.

WHEREAS, Assignor now wishes to assign its entire right, title and interest in the INVENTION to ROHM AND HAAS COMPANY, a Delaware corporation having its principal place of business at 100 Independence Mall West, Philadelphia, Pennsylvania, 19106-2399, United States of America, which wants to formalize the assignment and its ownership of the entire interest in the INVENTION and in any and all applications for patent thereon and in any and all Letters Patent which may be granted thereon;

NOW, THEREFORE, for valuable consideration received by Assignor, receipt and sufficiency of which is hereby acknowledged, Assignor has assigned and by this Assignment does assign to ROHM AND HAAS COMPANY, for the United States of America and for all foreign countries, its entire right, title, and interest in and to the INVENTION including the right to apply for patents, and to claim International Convention priority, in all such countries; Assignor further agrees without further consideration to testify in any proceedings, to execute all papers, execute all divisional, continuing, reissue and foreign applications, and make all rightful oaths and declarations relating to the INVENTION, requested by the ROHM AND HAAS COMPANY; and Assignor does hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding official in any foreign country to issue any Letters Patent which may be granted in the United States or foreign country, respectively, to ROHM AND HAAS COMPANY for its sole use and benefit and for its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

PATENT REEL: 010861 FRAME: 0073

NUN

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature(s).

Date

ND HAAS S.A. TOUR DE LYON Herve M Bellego 85, RUE DE BERCY General Mana 75579 PARIS CEDEX 12 signature de 9 Heure 17. Bellego apposée ci- densus

COUNTRY OF FRANCE

<u>Herve M. Bellego</u> personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this <u>30</u> day of <u>May</u> <u>1997</u>.

Notary Public

ROHM AND HAAS COMPANY

On behalf of Rohm and Haas Company, I hereby accept assignment of the above-identified INVENTION.

Date

Min. Selle (SEAL)

Marc S. Adler Chief Patent Counsel

STATE OF PENNSYLVANIA

COUNTY OF Philadelphia

<u>Marc S Adler</u> personally appeared before me and acknowledged to me that the execution of the foregoing instrument is an act of free will and deed of this $\frac{5}{5}$ day of $\frac{1997}{1000}$, 1997.

Notary Public

[SEAL]

NOTARIAL SEAL
ASTRID B. MILLS, Notary Public
City of Philadelphia, Phila. County
My Commission Expires April 8, 2000

PATENT REEL: 010861 FRAME: 0074

RECORDED: 06/07/2000