FORM PTO-1595 Rev. 08/28/92

Q1 FC:581



SHEET

U.S. DEPARTMENT OF COMMERCE

	Assistant Commissioner for Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.
1.	Name of conveying party(ies): Fredric L. Buchholz Thomas L. Staples Christopher M. Chappelow	 Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY - 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA
	Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.
3.	Nature of conveyance: x Assignment Security Agreement Other	☐ Merger ☐ Change of Name
	Execution Date(s) September 3, 1999	
4.	Application Number(s) or Patent Number(s):	
	00/200 500 0 4 1 2 1000	
	09/390,509 September 3, 1999 If this document is being filed together with a new ap ☐ Additional Application Number(JAN 23 2002
5.	If this document is being filed together with a new ap	pplication, the execution date of the application is:
5.	If this document is being filed together with a new application Number (Additional Application Number (Name and address of party to whom correspondence concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967	oplication, the execution date of the application is: s) or Patent Number(s) are attached. 6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Please deduct the above fee from our Involved: 1
5.	If this document is being filed together with a new as Additional Application Number(Name and address of party to whom correspondence concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property	oplication, the execution date of the application is: s) or Patent Number(s) are attached. 6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 3.41) \$40.00 □ Enclosed □ Please deduct the above fee from our I
5.	If this document is being filed together with a new application Number (Additional Application Number (Name and address of party to whom correspondence concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	oplication, the execution date of the application is: s) or Patent Number(s) are attached. 6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Please deduct the above fee from our Involved: 1 8. Deposit Account 04-1512 . If this esting incorrect, please debit or credit our account
5.	If this document is being filed together with a new application Number (Additional Application Number (Name and address of party to whom correspondence concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	pplication, the execution date of the application is: s) or Patent Number(s) are attached. 6. Total number of applications and patent involved: 1 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Please deduct the above fee from our Involved: 1 8. Deposit Account 04-1512 . If this estimate incorrect, please debit or credit our account accordingly.

TAIWAN Dow Case No. 60193 jmg

For Patent U.M. New Design Application in TAIWAN REPUBLIC OF CHINA

ASSIGNMENT

I/We, the undersigned, am/are the true inventor(s) of the invention entitled:

and do hereby declare that I/we have assigned the entire right, title and interest in the said invention to: THE DOW CHEMICAL COMPANY, a corporation organized under the laws of the State of Delaware, USA having its principal office/residing at 2030 Dow Center, Midland, Michigan 48674, UNITED STATES OF AMERICA, as far as the Republic of China is concerned.

Dated this Day of Sec	Rember 1999
Signature: France & Buckle	£/
nventor: Fredric L. Buchholz	7
Address: 256 East Youngs Court, Midland, N	Michigan 48640, United States of Americ
Dated this 3 Day of Syrt Con Co.	5 CL 10 99
Dated this Day of	19
Signature: 1/10/11/0/5/5/2019	, les
inventor: Thomas L. Staples /	
Address: 3212 Noeske Street, Midland, Mich	igan 48642, United States of America
-8	1 99
Dated this Day of ep Tem	<u>b.e.</u> 19_/_
Dated this 3 Day of Soptem Signature: Math Market	1-
Inventor: Christopher M. Chappelow	
Address: 2610 Abbott Road, Midland, Michi	igan 48642, United States of America
	10
Dated this Day of	19
Signature:	
Inventor:	
Address:	
Dated this Day of	19
Dated this Day of	
Signature:	
Inventor:	
Address:	

FORM-110 (R 5/97)

Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

Docket Ref. 60193 INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

PROCESS FOR REDUCING COHESIVENESS OF POLYALLYLAMINE POLYMER GELS DURING DRYING

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

> THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 **United States of America**

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the "Assignee");

my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or

rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the do hereby authorize Assignee or its designee to insert here the	io name of 1 toolghoot, and
Application No. 09/390,509 Filing Date September 03, 1999	
in country the United States of America	
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may h	be issued for the
invention in any and all countries. I'we do hereby agree to assist Assignee in the prosecution of the applica	
interference, conflict, opposition or litigation which may arise involving the invention or the patent or pater	
execute for any and all countries any document relating to applications derived from, corresponding to or e	quivalent to the above
identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or n	
any corresponding equivalent	
Application NoFiling Date	
in country	
to the above Priority application of any country where that country's patent property must be identified a	<u>ınd entered hereinabove</u>
for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into a and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assig Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such encumbered by any grant, license, or other right heretofore given.	gnment, or a Notarial True
Subscribed and Declared by me/us:	
At: Midland, Michigan 48674, USA At: Midland, Michigan 48674, US	Α
this 3 day of September 1999 this 3 day of Source 1999	1999
Signature: Lace A Buchlos Signature: Monta Signature: Thomas L. Staples Full Name: Fredric L. Buchholz Full Name: Thomas L. Staples	Stylen.
Residence: 256 East Youngs Court Residence: 3212 Noeske Stree	t
Midland, Michigan 48640 Midland, Michiga	п 48642
Country: United States of America Country: United States of A	merica
Citizenship: United States of America Citizenship: United States of A	merica
P. O. Address: Same as Residence	e
Employed By: The Dow Chemical Company Employed By: The Dow Chemica	l Company
Of Country: United States of America Of Country: United States of A	
Of Country. Office Buttes of America	
At: Midland, Michigan 48674, USA this 2 day of 2 co ten b co 19 92 this day of	10
Signature: Signature:	
Full Name: Christopher M. Chappelow Full Name:	
Residence: 2610 Abbott Road Residence:	
Midland, Michigan 48642	
Country: United States of America Country:	
Citizenship: United States of America Citizenship:	
P. O. Address: Same as Residence P. O. Address:	
r. O. Address. Same as Residence	
Employed by. The Dow Chemical Company	
Of Country: United States of America Of Country:	

() Additional names and signatures are attached.

FORM 222

This Assignment 222 is in the ENGLISH language and has the same meaning in other languages with the same 222 number and R/Date

Docket Ref. 60193

NOTARIAL CERTIFICATE (INDIVIDUAL)

County/Parish of Midland)	SS						
On this 3 day of Septembefore me,	redric L. Buchh	19 <u></u>					
known or identified to me to be the in foregoing document and acknowledge purposes therein expressed.	ndividual descril	ped in and who executed the					
SEAL	No.	tary Public D					
of m &		JENNIFER M. GEORGE NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES SEPTEMBER 19, 2003					
NOTARIAL CERTIFICATE (INDIVIDUAL)							
UNITED STATES OF AMERICA) STATE OF MICHIGAN) County/Parish of Midland)	SS						
before me,		19 <u>99</u> , personally appeared					
known or identified to me to be the in foregoing document and acknowledge purposes therein expressed.	Thomas L. Stapladividual described the same as a	ped in and who executed the					
SEAL Am M	(Ng	Arry Public JENNIFER M.' GEORGE NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN IY COMMISSION EXPIRES SEPTEMBER 19, 2003					
NOTARIAL CE	RTIFICATE	(INDIVIDUAL)					
UNITED STATES OF AMERICA) STATE OF MICHIGAN) County/Parish of Midland)	SS						
On this 3 day of 6 before me,	etaphan M. Char	19 <u>9</u> , personally appeared					
known or identified to me to be the in foregoing document and acknowledge purposes therein expressed.		ed in and who executed the					
SEAL	Kg Kg	Annual M. Jones Lary Public JENNIFER M. GEORGE NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTURE IN AND ANY COUNTY, MICHIGAN					
gmy	į	ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES SEPTEMBER 19, 2003					

For Patent U.M. New Design Application in TAIWAN REPUBLIC OF CHINA

OATH

I/We, hereby take oath and say that the invention entitled:

RECORDED: 01/23/2002

in respect of which an application for patent right is filed was truly invented by me/us. I/We shall be prepared to accept penalty as provided by law in case of appropriation, copying or imitation.

Signature: Tradric L. Buchholz	19 <u>9</u> 9
Signature: Thank of Sucklos	
inventor. A redric B. Buchholz	
Address: 256 East Youngs Court, Midland, Michigan 486	640, United States of America
_	
Detail this 3 Day of 5000 1021 13/02	, 9 <i>2</i>)
Day of Street Tree Season	19
Dated this 3 Day of Scrip 12 Signature: Step (a	
nventor: Thomas L. Staples	
Address: 3212 Noeske Street, Midland, Michigan 48642,	United States of America
Signature: Day of Scotember	19 <u>99</u>
Signatures (1) to the Mills of	
nventor: Christopher M. Chappelow	
Address: 2610 Abbott Road, Midland, Michigan 48642, U	Inited States of America
iddiess. 2010 Mobile Road, Middiand, Milenigan 400-2, C	Sinted States of Fillerica
Dated this Day of	19
Signature:	
nventor:	
Address:	
Dated this Day of	19
Signature:	
nventor:	
Address:	