

09-21-1999

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 documents or copy thereof.

101149633

1. Name of conveying party(ies):

Frederic F. Nelson; Tuyen T. Nguyen; Atanu Biswas

 Additional name(s) of conveying  
 party(ies) attached?

[ ] Yes

No

3. Nature of conveyance:

[x] Assignment

[ ] Merger

[ ] Security Agreement

[ ] Change of Name

[ ] Other

Execution Date: July 22, 1999; July 29, 1999; July 29, 1999

2. Name and address of receiving party(ies):

Name: Hercules Incorporated

Internal Address:

Street Address: 1313 North Market Street

City: Wilmington State: Delaware Zip: 19894-0001

Additional name(s) and

address(es) attached? [ ] Yes [x] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/271,754

B. Patent No.(s)

Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. Stanley J. Paccione

Internal Address: Union Carbide Chemicals &amp; Plastics

Technology Corporation

Street Address: 39 Old Ridgebury Road

Loc E-205

City: Danbury State: CT Zip: 06817

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

[x] Enclosed

[ ] Authorized to be charged to deposit account

8. Deposit account number: 21-0100

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Saul R. Bresch

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 6

Our Ref.: D-17956

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 Washington, D.C. 20231

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**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS  
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, Frederick F. Nelson, Chemist and Tuyen T. Nguyen, Chemist, both  
citizens of the United States of America, and Atanu Biswas, Chemist and citizen of India, residing,  
respectively, at 125 Great Circle Road, Landenberg, State of Pennsylvania 19350; 6008 Stone Pine  
Road, Wilmington, State of Delaware 19808; and 1 Rexbidge Court, Newark, State of Delaware  
19711, United States of America;

HEREBY STATE UNDER OATH that we are three of seven original, first and joint inventors  
of an invention for

A POLYETHYLENE CROSSLINKABLE COMPOSITION

as described and/or claimed in our application for Letters Patent in the United States of America,  
executed on the 22 day of July 1999, by said Frederick F. Nelson  
executed on the        day of        1999, by said Tuyen T. Nguyen  
executed on the        day of        1999, by said Atanu Biswas  
Serial No. 09/271,754, filed on the 18th day of March 1999, (Case No. D-17956).

NOW, THEREFORE, in consideration of our employment by Hercules Incorporated, a  
corporation organized and existing under the laws of the State of Delaware, United States of  
America and having an office at 1313 North Market Street, Wilmington, Delaware 19894-0001;

WE DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or  
limitations, our entire right, title, and interest in and to said invention and application unto, as the  
Assignee, the aforesaid

**HERCULES INCORPORATED**

its successors, assigns and nominees, and our entire right, title and interest in and to all patents  
which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues,  
reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent  
by virtue of the International Convention for the Protection of Industrial Property, for any and all  
member countries of the aforesaid International Convention;

**AND, subject to the rights of the other four inventors and their assignee,**

THE RIGHT to file such applications under the Patent Laws of any country of the world  
in its name and/or ours, and the right to have patents granted on said applications in its name  
and/or ours to the full end of the term for which said patents may be granted as fully and entirely  
as the same would have been held by us had this assignment not been made, and to enforce said  
patents with our right to sue for and recover accrued profits or damages for any and all  
infringements thereof;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to  
issue all patents on said invention to said HERCULES INCORPORATED as Assignee of our  
entire right, title and interest, and covenant that we have full right so to do, and agree that we will  
communicate to said Corporation or its representatives any facts known to us respecting said  
invention and testify in any legal proceedings, sign all lawful papers, execute all divisional,  
continuing and reissue applications, make all rightful oaths and generally do everything possible  
to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper  
protection for said invention in all countries.

**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS  
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, Frederick F. Nelson, Chemist and Tuyen T. Nguyen, Chemist, both citizens of the United States of America, and Atanu Biswas, Chemist and citizen of India, residing, respectively, at 125 Great Circle Road, Landenberg, State of Pennsylvania 19350; 6008 Stone Pine Road, Wilmington, State of Delaware 19808; and 1 Rexbidge Court, Newark, State of Delaware 19711, United States of America;

HEREBY STATE UNDER OATH that we are three of seven original, first and joint inventors of an invention for

A POLYETHYLENE CROSSLINKABLE COMPOSITION

as described and/or claimed in our application for Letters Patent in the United States of America, executed on the \_\_\_\_\_ day of \_\_\_\_\_, 1999, by said Frederick F. Nelson  
executed on the 29 day of July, 1999, by said Tuyen T. Nguyen  
executed on the 29 day of July, 1999, by said Atanu Biswas  
Serial No. 09/271,754, filed on the 18th day of March 1999, (Case No. D-17956).

NOW, THEREFORE, in consideration of our employment by Hercules Incorporated, a corporation organized and existing under the laws of the State of Delaware, United States of America and having an office at 1313 North Market Street, Wilmington, Delaware 19894-0001;

WE DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, our entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid

**HERCULES INCORPORATED**

its successors, assigns and nominees, and our entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

**AND, subject to the rights of the other four inventors and their assignee,**

THE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made, and to enforce said patents with our right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said HERCULES INCORPORATED as Assignee of our entire right, title and interest, and covenant that we have full right so to do, and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

*Handwritten Signature*

SIGNED AND SEALED at \_\_\_\_\_ this 22 day of July, 1999.

WITNESSES:

*Frederick F. Nelson*  
FREDERICK F. NELSON

1. *Joseph F. Antonelli*

2. *Maurice C. Donovan*

SIGNED AND SEALED at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

WITNESSES:

\_\_\_\_\_  
TUYEN T. NGUYEN

1. \_\_\_\_\_

2. \_\_\_\_\_

SIGNED AND SEALED at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

WITNESSES:

\_\_\_\_\_  
ATANU BISWAS

1. \_\_\_\_\_

2. \_\_\_\_\_

State of DELAWARE )  
County of NEW CASTLE )

ss:

This 22 day of July, 1999 before me personally came the above-named FREDERICK F. NELSON to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

**JOSEPH F. ANTONELLI**  
**NOTARY PUBLIC-DELAWARE**  
**My Commission Expires March 18, 2003**

*Joseph F. Antonelli*  
Notary Public

(Seal)

SIGNED AND SEALED at \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

WITNESSES:

FREDERICK F. NELSON

1. \_\_\_\_\_

2. \_\_\_\_\_

SIGNED AND SEALED at Waukegan, Ill this 29 day of July, 1999.

WITNESSES:

Tuyen T. Nguyen  
TUYEN T. NGUYEN

1. Sharon Tomlinson

2. Nancy G. Simpkins

SIGNED AND SEALED at Waukegan, Ill this 29 day of July, 1999.

WITNESSES:

Atanu Biswas  
ATANU BISWAS

1. Sharon Tomlinson

2. Nancy G. Simpkins

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss:

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came the above-named FREDERICK F. NELSON to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

(Seal)

State of DELAWARE )  
County of NEW CASTLE ) ss:

This 29<sup>th</sup> day of July 1999 before me personally came the above-named TUYEN T. NGUYEN to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Joseph F. Antonelli  
Notary Public

JOSEPH F. ANTONELLI  
NOTARY PUBLIC-DELAWARE  
My Commission Expires March 18, 2003

(Seal)

State of DELAWARE )  
County of NEW CASTLE ) ss:

This 29<sup>th</sup> day of July 1999 before me personally came the above-named ATANU BISWAS to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Joseph F. Antonelli  
Notary Public

JOSEPH F. ANTONELLI  
NOTARY  
My Commission Expires March 18, 2003

(Seal)