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Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/3J/2008)	05-09-	-2007	U.S. DEPARTMENT OF COMMERCE <u>United States Patent and Trademark Office</u>
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To the Director of the U.S. Patent a.	10340	3851	Jocuments or the new address(es) below.
Additional name(s) of conveying party(ies) attached?  3. Nature of conveyance/Execution Date  Execution Date(s) 3/28/07; 3/20/07; 3/28/07; 3/2  X Assignment Merger	(s): 8/07; 3/28/07 e of Name cense	Name: Bayer Market Internal Address  Street Address:  City: Pittsburgh State: PA  Country: United Standard Stan	100 Bayer Road  tates of America Zip: 15205-9741  & address(es) attached? ☐ Yes ☒ No
A. Patent Application No.(s) 11/710,788 February 26, 2007 PO8955/MD05-119	☐ I his	B. Patent No.	ANC S
5. Name and address to whom correspondence on concerning document should be mailed:	ndence		of applications and patents
Name: Bayer MaterialScience LLC Internal Address: Patent Department		Authorized t	OFR 1.21(h) & 3.41) \$40.00  to be charged by credit card  to be charged to deposit account
Street Address: 100 Bayer Road		Enclosed None require	ed (government interest not affecting title)
City: Pittsburgh State: PA Zip: 15205-	-9741	8. Payment Info	rmation  Last 4 Numbers  Expiration Date
Phone Number: <u>(412) 777-3866</u> Fax Number: <u>(412) 777-3902</u> Email Address:		·	count Number <u>13-3848</u> User Name
9. Signature:  Signature:  Veronica Thomps  Name of Person Signature:			5/4/07 Date  all number of pages including cover eet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

05/08/2007 DBYRNE 00000267 133848 11710788 01 FC:8021 40.00 DA

**REEL: 019282 FRAME: 0163** 

	PATENTS ONLY	(Form PTO-15	595)
1. Name	e of conveying party(ies):		
	Susanne Whelan Legal Rep.	4) Michael T	`. Wellman
	5) John W. Liddle	6) Marie W.	Urick
	Additional name(s) of conveying party(ies) attached?	Yes X No	
	e and address of receiving party(ies)		
Intern	nal Address: et Address:		
City: _	State:	ZIP:	•
Name Name	e and address of receiving party(ies) e: nal Address:		
	et Address:		
City: _	State:	ZIP:	
	Additional name(s) & address(es) attached?	☐ Yes X No	
	cation number(s) or patent number(s): document is being filed together with a new appli	ication, the execution da	ate of the application is:
	A. Patent Application No.(s)	B. Pate	ent No.(s)
			<del></del>
	Additional numbers attached?	Yes 🛛 No	

## **ASSIGNMENT**

WHEREAS We , 1) Jan L. Clatty; 2) Timothy R. Whelan (Deceased), Susanne Whelan
(Heiress): 3) Michael T. Wellman; 4) John W. Liddle; 5) Marie W. Urick
of 1) 909 Tottenham Dr., Moon Township, PA 15108-2823; 2)191-B Upper Heckman Road, North
Versailles, PA 15137; 3) 1824 Fourth Street, Moundsville, WV 26041-1738; 4) 512 Walden Way,
Imperial, PA 15126-9669; 5) 1128 Princeton Rd., Pittsburgh, PA 15205-1718
have invented certain improvements in <u>RIGID POLYURETHANE FOAMS WITH INCREASED HEAT</u>
PERFORMANCE
described in a patent application executed by <u>us</u> and identified in the United States Patent Office as
follows:
Serial No.: <u>11/710,788</u>
Filed: February 26, 2007
and Attorney's Docket No.: PO8955/MD05-119; and
WHEREAS, BAYER MATERIALSCIENCE LLC, of Pittsburgh, Pennsylvania, a limited liability company of the State of Delaware is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefore; this document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.
NOW, THEREFORE, for valuable consideration and in accordance with the obligations in our_employment contracts with BAYER MATERIALSCIENCE LLC, we_do hereby sell, assign and transfer unto said BAYER MATERIALSCIENCE LLC, its successors and assigns, the entire right, title, and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also any improvements on said invention or inventions now or hereafter made by us_during the period of our_employment; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention, inventions or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention, inventions or improvements in this or any foreign country; and we_hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said BAYER MATERIALSCIENCE LLC, as assignee of the entire interest.
We further agree, without any payment by BAYER MATERIALSCIENCE LLC, other than expenses incurred by the undersigned, to communicate to said BAYER MATERIALSCIENCE LLC, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for interference purposes or for other legal proceedings, whenever requested, testify in any interference or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.  SIGNED AT Pittsburgh Pennsylvania, USA.
SIGNED AT PRESDUIGH , Pennsylvania, USA.
3/28/07 (L.S.) 1) 2n.Z. Clatty  Jan L. Clatty
SIGNED AT <u>Pittsburgh</u> , <u>Pennsylvania, USA</u> .
(1, S, 1, 2)
(L.S.) 2) (Date) Timothy R. Whelan (Deceased)

SIGNED AT	, Pennsylvania, USA
For3-20-2001	Susanne Whelan (Legal Representative or Heir)
SIGNED AT <u>Pittsburgh</u>	, Pennsylvania, USA .
3/28/07 (Date)	(L.S.) 3) Michael T. Wellman
SIGNED AT Pittsburgh	, Pennsylvania, USA.
<u>3-28-07</u> (Date)	(L.S.) 4) John W. Liddle
SIGNED AT Pittsburgh	, Pennsylvania, USA .
3-28-07 (Date)	(L.S.) 5) Marie M. Urick  Marie W. Urick

/vjt/8955assignment

**PATENT** 

**REEL: 019282 FRAME: 0166** 

# General Power of Attorney: Pennsylvania (with Durable Provision)

To all persons, be it known that I, Timothy Whelan, of 1319 Grant Street, North Braddock, Pennsylvania, 15104, the undersigned Principal, do hereby make and grant a general power of attorney to Susanne Whelan, of 191 B Upper Heckman Rod, North Versailles, PA 15137, and do thereupon constitute and appoint said individual as my Attorney-in-Fact/Agent.

If my Agent is unable to serve for any reason or otherwise requires succession, I designate Thomas J .Whelan Jr, P.O. Box 332, Butler, PA 16029, as my Successor Agent.

A. Specification of Powers. — Whereas each of the following is defined in <u>section</u> 5603 of the Pennsylvania state code (relating to implementation of power of attorney), I hereby empower my Agent to do all of the following, indicated by my initials:

[70]	"To make limited gifts." "To create a trust for my benefit."
1 1	"To make additions to an existing trust for my benefit."
1 1	"To claim an elective share of the estate of my deceased spouse."
1 J	"To disclaim any interest in property."
1 1	"To renounce fiduciary positions."
r i	"To withdraw and receive the income or corpus of a trust."
iwi	"To authorize my admission to a medical, nursing, residential or similar
(100)	facility and to enter into agreements for my care."
[70]	"To authorize medical and surgical procedures."
1 1	"To engage in real property transactions."
ii	"To engage in tangible personal property transactions."
į į	"To engage in stock, bond and other securities transactions."
į į	"To engage in commodity and option transactions."
[	"To engage in banking and financial transactions."
	"To borrow money."
[ ]	"To enter safe deposit boxes."
[Tw]	"To engage in insurance transactions."
[Tw]	"To engage in retirement plan transactions."
	"To handle interests in estates and trusts."
	"To pursue claims and litigation."
[ ]	"To receive government benefits."
[ ]	"To pursue tax matters."
tiw 1	"To make an anatomical gift of all or part of my body."

#### **Durable Provision:**

If the blank space in the block to the left is initialed by the Principal, this power of attorney shall not be affected by the subsequent disability or incompetence of the Principal.

#### Other Terms:

- B. Appointment of Agent and Successor Agent. A Principal may provide for:
  - The appointment of more than one Agent, who shall act jointly, severally or in any other combination that the Principal may designate, but if there is no such designation, such Agents shall only act jointly.
  - 2. The delegation of one or more powers by the Agent to such person or persons as the Agent may designate and on terms as the power of attorney may specify.
  - 3. The appointment of one or more Successor Agents who shall serve in the order named in the power of attorney, unless the Principal expressly directs to the contrary.
  - 4. The delegation to an original or Successor Agent of the power to appoint his/her successor or successors.
- C. Where the Power of Attorney Form Must Be Filed. An executed copy of the power of attorney may be filed with the clerk of the orphans' court division of the court of common pleas in the county in which the principal resides. It may also be recorded in the office for the recording of deeds of the county of the Principal's residence and of each county in which real property to be affected by an exercise of the power is located. The clerk of the orphans' court division or any office for the recording of deeds with whom the power has been filed, may, upon request, issue certified copies of the power of attorney. Each such certified copy shall have the same validity and the same force and effect as if it were the original, and it may be filed of record in any other office of this Commonwealth (including, without limitation, the clerk of the orphans' court division or the office for the recording of deeds) as if it were the original.
- **D. Appointment Acceptance.** My Attorney-in-Fact/Agent hereby accepts this appointment subject to its terms and agrees to act and perform in said fiduciary capacity consistent with my best interests as he/she in his/her best discretion deems advisable, and I affirm and ratify all acts so undertaken. However, powers granted to Agent shall expire upon my death, as defined by the attending physician, or upon the expiration of a reasonable period of time for Agent to wind up my affairs, to the extent defined in sections (1) through (24). Furthermore, my Agent and/or Successor Agent shall be reasonably compensated for serving in such capacity.

TO INDUCE ANY THIRD PARTY TO ACT HEREUNDER, I HEREBY AGREE THAT ANY THIRD PARTY RECEIVING A DULY EXECUTED COPY OR FACSIMILE OF THIS INSTRUMENT MAY ACT HEREUNDER, AND THAT REVOCATION OR TERMINATION HEREOF SHALL BE INEFFECTIVE AS TO SUCH THIRD PARTY UNLESS AND UNTIL ACTUAL NOTICE OR KNOWLEDGE OF SUCH REVOCATION OR TERMINATION SHALL HAVE BEEN RECEIVED BY SUCH THIRD PARTY, AND I FOR MYSELF AND FOR MY HEIRS, EXECUTORS, LEGAL REPRESENTATIVES AND ASSIGNEES, HEREBY AGREE TO INDEMNIFY AND HOLD HARMLESS ANY SUCH THIRD PARTY FROM AND AGAINST ANY AND ALL CLAIMS THAT MAY ARISE AGAINST SUCH THIRD PARTY BY REASON OF SUCH THIRD PARTY HAVING RELIED ON THE PROVISIONS OF THIS INSTRUMENT.

Signed under seal this LS day of JULY, 20 03.

Signed in the presence of:

Christi Riskelon
(Principal)
Hattleen A. falorcak
Witness)
(Witness)
State of: Pennsylvania County of:
On/-/7, 20 05, before me, Although appeared fineth, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.
(Agent must sign below if required by your state.)  Althor Chelan (Signature)
(Signature)

Produced ID

Notarial Seal
Althea Phelan, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Mar. 28, 2006

Known

(Seal)

Affiant

Type ID

### SIGNING BY LEGAL REPRESENTATIVE ON BEHALF OF DECEASED INVENTOR (37 CFR 1.42 and 1.43)

I, Susanne Whelan, hereby declare that I am a citizen of the U.S., residing at 191-B Upper Heckman Road, North Versailles, PA 15137 United States of America, and that I am executing and signing the declaration to which this is attached as legal representative (or heir) of:

Country of Citizenship:

Timothy R. Whelan U.S. Citizen

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: 3-20-2001

Susanne Whelan (Legal Representative (or heir))

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PATENT REEL: 019282 FRAME: 0170

RECORDED: 05/05/2007