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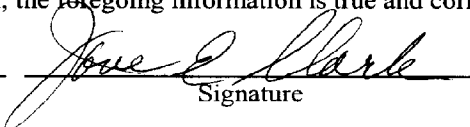
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5. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): 09/213207 B. Patent No.(s): Docket No.: PI-1005 Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
6. Correspondent Name & Address: GERALD E. DEITCH E. I. DU PONT DE NEMOURS AND COMPANY LEGAL-PATENTS 1007 MARKET STREET WILMINGTON, DELAWARE 19898		7. Total number of applications and patents involved: <u>1</u> 8. Total fee (37 CFR 3.41)..... <u>\$40.00</u> <input type="checkbox"/> Enclosed (Check No.: _____) <input checked="" type="checkbox"/> Authorized to be charged to deposit account Charge 40 9. Deposit account number: <u>04-1928</u> (Attach duplicate copy of this page if paying by deposit account)	
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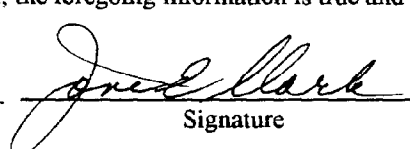
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s): 09/213207 Docket No.: PI-1005 B. Patent No.(s) Additional numbers attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
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GALEEN, THE NETHERLANDS

ASSIGNMENT

I, the undersigned

PATRICK MICHAEL BURKE

Hereby declare that

I am the true and first inventor of an invention relating to

PROCESS FOR THE PREPARATION OF 3-PENTENOIC ACID FROM BUTADIENE USING A NICKEL CATALYST

which is disclosed in an application for Letters Patent in the United States of America, executed the 16th day of December, 19 98 (Case No. **PI-1005**); and, for valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of my pre-existing obligation of assignment, I hereby sell, assign, and transfer unto **E. I. du Pont de Nemours and Company**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, and **DSM N.V.** (Het Overloon 1 6411TE Heerlen), a corporation organized and existing under the laws of the Netherlands and having a principal place of business at Galeen, the Netherlands, hereinafter referred to as the assignees, the entire right, title, and interest in and to the aforesaid application for Letters Patent, including any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, and the entire right, title and interest in and to any and all my inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, and in and to any and all applications for Letters Patent for any such inventions in any country whatsoever, and in and to any and all patents for any such inventions in any country whatsoever, with the sole right to file such applications in its name or mine, including the sole right to file such applications under the aforesaid International Convention or other treaty or understanding, together with the sole right to have said patents granted in its name or mine and to enforce said patents and to sue for and recover profits and damages for any and all infringements thereof, and hereby agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to me respecting said inventions, to testify in any legal proceeding, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries. I further authorize my attorney/patent agent to insert below* the application number and filing date of the aforesaid United States application now identified as Case No. **PI-1005** after the same shall have been made known to him/her by the United States Patent Office.

Patrick Michael Burke (L.S.)
PATRICK MICHAEL BURKE

DATE: 12/16/98

*The application referred to above as Case No. **PI-1005** was filed in the United States Patent

Office on December 17,

19 98, and was given Application No. 09/213,207.

This insertion made by me this 3rd day of February, 19 99.

Gerald E. Deitch 30,457
ATTORNEY/PATENT AGENT FOR APPLICANT
GERALD E. DEITCH REG. NO. 30,457