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FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

4-10-01

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

E. I. DU PONT DE NEMOURS AND COMPANY, INC.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

4-10-01

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: November 26, 1997

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

Name: The NutraSweet Kelco Company, a unit of Monsanto Company

Internal Address: c/o Pharmacia Corporation

Street Address: 100 Route 206 North

City: Peapack State: NJ ZIP: 07977

Additional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or patents 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)

B. Patent No.(s)

5,591,699

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lori E. Lesser, Esq.

Internal Address: Simpson Thacher & Bartlett

Street Address: 425 Lexington Avenue

City: New York State: New York ZIP: 10017

6. Total number of applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attached 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.

Lori E. Lesser, Esq.

Name of Person Signing

L E Z

Signature

4-9-01

Date

Total number of pages comprising cover sheet: 9

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Mail documents to be recorded with required cover sheet information to:

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Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231PATENT
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ASSIGNMENT AGREEMENT

THIS ASSIGNMENT AGREEMENT, made and effective on this 26th day of November, 1997 (the "Effective Date"), is by and between E. I. du Pont de Nemours and Company, Inc. ("DuPont"), Amgen, Inc. ("Amgen"), Texaco Group, Inc. ("Texaco") (collectively, "Assignors") and The NutraSweet Kelco Company, a unit of Monsanto Company ("NKC").

WITNESSETH

WHEREAS, Amgen and Texaco are successors-in-interest to certain proprietary technology, information, and know-how that were developed by their predecessors Synergen, Inc. and Getty Scientific Development Company, respectively, relating to the structure and characteristics of a polysaccharide compound known as xanthan gum and variants thereof, as well as a process using recombinant DNA technology to produce, and potential commercial applications for, such polysaccharide and related compounds, including Xanthan Variant Polymers X1309, X1361, X1419, X1500, X1767 through 1773, and X1910 (collectively the "Amgen Technology");

WHEREAS, Amgen and Texaco are the owners of certain patent applications and patents which relate to the Amgen Technology, as set forth on Exhibit A hereto (the "Amgen Patents");

WHEREAS, DuPont possesses an exclusive worldwide license ("DuPont License") with the right to sublicense from Amgen and Texaco to make, have made, use, and sell certain compounds and products based on the Amgen Technology and the Amgen Patents (collectively, the "Amgen Assets"), which DuPont License shall terminate upon the execution of this Agreement;

WHEREAS, DuPont's wholly-owned subsidiary, Conoco, Inc. ("Conoco") has developed technology and know-how relating to methods of testing, evaluating, and producing xanthan gum variants for use in oil fracturing applications, as set forth in Exhibit B hereto (the "Conoco Technology");

WHEREAS, DuPont is the owner of United States Patent No. 5,591,699, which relates to the use of xanthan variant gums in guar compositions (the "DuPont Patent");

WHEREAS, NKC desires to obtain an assignment of the Conoco Technology, the DuPont Patent (collectively, the "Conoco Assets") and the Amgen Assets; and

WHEREAS, Assignors are willing to assign the Conoco Assets and the Amgen Assets to NKC pursuant to the terms and conditions set forth herein.

EXHIBIT A**Synergex Xanthan Gum Polymer Patents**

0001 Series:

Title: POLYSACCHARIDE POLYMER MADE BY XANTHOMONAS

Inventors: Rebecca W. Vanderslice and Patrick Shannon

Country	Serial Number	Filing Date	Status
Japan	61-178978	07/31/86	Issued 05/17/96 2,520,881
Singapore	9792005-2	07/16/86	Issued 07/28/97 9792005-2
United States	715,861	06/17/91	Issued 04/07/92 5,102,561
United States	762,878	08/06/85	Issued 12/15/87 4,713,449
United States	099,618	09/22/87	Issued 09/19/89 4,868,293
Canada	513,834	07/15/86	Issued 12/20/88 1,247,033
Denmark	3721/86	08/05/86	Pending
Japan	7-341723	07/31/86	Pending
European AT, BE, CH, DE, FR, GB, IT, LU, NL, SE	86109782.2	07/16/86	Issued 10/21/92 211288
Finland	863213	08/06/86	Issued 12/27/94 92719
Norway	863135	08/04/86	Issued 12/12/92 170858
Canada	577352	07/15/86	Issued 01/3/90 1,264,537
Canada	615544	07/15/86	Issued 01/22/91 1,279,180

0002 Series:

Title: RECOMBINANT-DNA MEDIATED PRODUCTION OF XANTHAN GUM

Inventors: Michael Capage et al.

Country	Serial Number	Filing Date	Status
United States	352,216	12/02/94	Issued 09/24/96 5,559,015

Canada	532,837	03/24/87	Issued 03/12/96 1,338,138
Norway	87 4878	11/23/87	Pending
Japan	62-502275	03/24/87	Issued 02/27/97 2612583
European AT, BE, CH, DE, FR, GB, IT, LU, NL, SE	87902917.1-2105	03/24/87	Issued 10/4/95 0326544
Singapore	9791676-1	03/24/87	Issued 06/16/97 9791676-1

0003 Series:

Title: PROCESS FOR THE SYNTHESIS OF SUGAR NUCLEOTIDES USING RECOMBINANT-DNA METHODS

Inventors: Michael R. Bedach et al.

COUNTRY	SERIAL NO.	FILING DATE	STATUS
United States	467,145	06/06/95	Pending
Japan	62-502314	03/24/87	Pending
European AT, BE, CH, DE, FR, GB, IT, LU, NL, SE	87902918.9-2116	03/24/87	Issued 02/15/95 0380470
Canada	532,844	03/24/87	Pending
Norway	874879	03/24/87	Issued 01/8/97 179875
Singapore	9791838-7	03/24/87	Issued 05/30/97 9791838-7

0004 Series:

Title: FAMILY OF XANTHAN-BASED POLYSACCHARIDE POLYMERS INCLUDING NON-ACETYLATED AND/OR NON-PYRUVYLATED GUM AND ACETYLATED OR NON-ACETYLATED POLYTETRAMER GUM

Inventors: Daniel H. Doherty, Donna M. Ferber, John D. Marelli, and Rebecca W. Vanderslice

Country	Serial Number	Filing Date	Status
Norway	87 4846	03/24/87	Issued 09/29/93 172945
Norway	92 1787	03/24/87 Div of Pat.No.172945	Pending
European	9611909506	3/24/87	Pending

European BE, CH, DE, FR, GB, IT, LI, LU, NL, SE	87902919.7-2105	03/24/87	Issued 08/11/93 0323952
European AT, BE, DE, FR, GB, IT, LU, NL, SE	92111024.3- 2116	03/24/87 Div. of Allowed Appln. No. 87902919.7-2116	Issued 07/30/97 511690
Canada	532,838	03/24/87	Issued 07/29/97 1,339,113
Japan	62-502340	3/24/87	Issued 09/05/96 2559437
Japan	8-70588	03/24/87 Divisional of 62-50340	Pending
Singapore	9607926-4	03/24/87	Pending

0005 Series

**Title: GENETIC CONTROL OF ACETYLATION AND PYRUVYLATION OF
XANTHAN BASED POLYSACCHARIDE POLYMERS**

Inventors: Daniel H. Doherty and Randal A. Hassler

Country	Serial Number	Filing Date	Status
United States	232,416/08	04/25/94	Issued 05/07/96 5514791
United States	406,804	03/20/95	Pending
United States	475,823	06/07/95	Pending
PCT	PCT/US92/03448	05/01/92	Completed
Canada	2,021,414	07/18/90	Pending
Canada	2,108,895	05/01/92	Pending
Norway	93 4044	05/01/92	Pending
Norway	90 3283	07/24/90	Issued 08/04/97 300852
Japan	4-511434	05/01/92	Pending
Japan	2-195073	07/25/90	Pending
Singapore	9607969-4	07/20/90	Pending
Singapore	9603370-9	05/01/92	Pending

European	90113985.7	07/20/90	Pending
European	92911566.5	05/01/92	Pending
Finland	903716	07/24/90	Pending
Finland	934902	05/01/92	Pending

EXHIBIT B

DuPont (Conoco) Patents

**Title: PARTICLE TRANSPORT FLUIDS THICKENED WITH ACETYLATE FREE
XANTHAN HETEROPOLYSACCHARIDE BIOPOLYMER PLUS GUAR GUM**

Inventor: Richard M. Hodge

Country	Serial Number	Filing Date	Status
U.S.	08/360,558	12/21/94	Issued 5,591,699 01/07/97

EXHIBIT C

REDACTED

Angen:

Angen, Inc.

1840 DeHavilland Drive
Thousand Oaks, CA 91320

Attn: Ron Levy

pac:282054