FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02

11-24-1998

Docket No.: 1565 & 1565A

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable	Commiss	sioner of Patents and			rd the attached origi	nal documents	or co	py therec
. Name of conveyir	ng party(i	es):		2. Name a	and address of recei	ving party(ies)		

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To the Honorable Commissioner of Patents and Trademark	ks: Please record the attached original documents or copy thereof.			
Name of conveying party(ies): HNA Holdings, Inc.	Name and address of receiving party(ies): Name: Hoselst Aktiongesellschaft			
	Name: Hoechst Aktiengesellschaft			
	Address: Industriepark Hoechst			
Additional names(s) of conveying party(ies)	·			
3. Nature of conveyance: MRD 11-20-98				
☑ Assignment ☐ Merger				
☐ Security Agreement ☐ Change of Name	City: Frankfurt am Main State/Prov.:			
☐ Other	Country: Germany ZIP: D-65926			
Execution Date: October 30, 1998	Additional name(s) & address(es) ☐ Yes ☒ No			
4. Application number(s) or registration numbers(s):				
If this document is being filed together with a new application	on, the execution date of the application is:			
Patent Application No. Filing date	B. Patent No.(s)			
08/697,751 8/29/1996	5,739,383 issued 4/14/1998			
Additional numbe	rs Yes 🗵 No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 2			
Name: James L. McGinnis	7. Total fee (37 CFR 3.41):\$ 80.00			
Registration No. 34,387	☐ Enclosed - Any excess or insufficiency should be			
Address: HNA Holdings, Inc.	credited or debited to deposit account			
86 Morris Avenue	☑ Authorized to be charged to deposit account			
City: Summit State/Prov.: NJ Country: USA ZIP: 07901	8. Deposit account number: 03-1152 OKANGE 200			
of the original document. \mathcal{M}	rmation is true and correct and any attached copy is a true copy			
Michael A. Caputo	Il Capul 1111111			
Name of Person Signing Total number of pages including	Signature ng cover sheet, attachments and F N			

ASSIGNMENT

WHEREAS, HNA HOLDINGS, INC. (successor to Hoechst Celanese Corporation) (HNA), a corporation duly organized and existing under the laws of the State of Delaware is the owner of United States Patent No. 5,739,383, issued April 14, 1998, entitled "RESOLUTION OF RACEMIC MIXTURES USING POLYMERS CONTAINING CHIRAL UNITS" and United States Patent Application Serial No. 08/697,751, filed August 29, 1996, entitled "RESOLUTION OF RACEMIC MIXTURES USING POLYMERS CONTAINING CHIRAL UNITS"; and

WHEREAS, HNA has agreed to assign to HOECHST AKTIENGESELLSCHAFT (HAG), D-65926, Frankfurt am Main, Federal Republic of Germany, said United States Patent, recorded February 28, 1997 under Reel Number 8511, Frame Number 0245 and said United States Patent Application, recorded August 29, 1996 under Reel Number 8161, Frame No. 0736.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and for other good and valuable consideration, HNA sells, assigns and transfers to HAG and the successors, assigns and legal representatives of HAG the entire right, title and interest in and to said Patent and said Patent Application and any reissue or reexamination thereof and including all foreign members of the same family of patent applications as listed on Schedule A, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention.

PATENT REEL: 9396 FRAME: 0307

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HNA hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

HNA further covenants that HAG will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions and said Patent and said Patent Application and legal equivalents as may be known and accessible to HNA and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to HAG or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said invention and said Patent and said Patent Application and said equivalents thereof which may be necessary or desirable to carry out the purposes hereof.

HNA hereby authorizes HAG to apply for and obtain the recordation of this Assignment. HNA agrees that it shall, without further consideration, promptly and duly cause to be performed such lawful acts and execution of any other documents as HAG may reasonably request in order for HAG to obtain the full benefits of this Assignment and to permit HAG to be duly recorded in each office, bureau and tribunal in the appropriate jurisdiction as the registered owner or proprietor of the rights hereby assigned. Such instruments and documents shall include, without limitation, such patents, affidavits and other documents for filing in such jurisdictions as HAG may from time to time reasonably request.

By these presents **HAG** does hereby accept this Assignment and authorizes the recording thereof with the appropriate authorities aforesaid.

PATENT REEL: 9396 FRAME: 0308 IN WITNESS WHEREOF, the parties have caused this Assignment to be executed by its proper officers thereunto duly authorized on 20, 1998.

HNA HOLDINGS, INC. (successor to HOECHST CELANESE CORPORATION)

	Ass	ignor
	By_	Muchae hapun
		Michael A. Caputo
	Title	Assistant Secretary
State of New Jersey)	
County of Union) ss.:)	

Before me, a Notary Public, in and for said County, personally appeared MICHAEL A. CAPUTO who acknowledged that he is the Assistant Secretary of HNA Holdings, Inc., the corporation which executed the foregoing instrument and who acknowledged he signed said instrument on behalf of said corporation by authority of its Board of Directors; and that said instrument is the free corporate act and deed of HNA Holdings, Inc.

Sworn before me at Summit, New Jersey this day of October 1998.

NOTARY PUBLIC CAROL R. MADDALONI NOTARY PUBLIC OF NEW JERSEY MY COMMISSION EXPRES MAY 19, 2008

HOECHST AKTIENGESELLSCHAFT

Assignee

Title Prokurist

ppa.Dr.Ackermann

authorized signature

Dr. G. Hübner

SCHEDULE A

HNA Holdings, Inc./ Patent Applications

Patent or Application	Subject Matter	Country
PCT/US97/13874	RESOLUTION OF RACEMIC MIXTURES USING POLYMERS CONTAINING CHIRAL UNITS	PCT
97937145.7	RESOLUTION OF RACEMIC MIXTURES USING POLYMERS CONTAINING CHIRAL UNITS	EPO (PCT)
UNKNOWN	RESOLUTION OF RACEMIC MIXTURES USING POLYMERS CONTAINING CHIRAL UNITS	JAPAN (PCT)

PATENT REEL: 9396 FRAME: 0310

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State of Delaware

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF

DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT

COPY OF THE RESTATED CERTIFICATE OF "HOECHST CELANESE

CORPORATION", CHANGING ITS NAME FROM "HOECHST CELANESE

CORPORATION" TO "HNA HOLDINGS, INC.", FILED IN THIS OFFICE ON

THE SECOND DAY OF JANUARY, A.D. 1998, AT 8:30 O'CLOCK A.M.

11/19/18 Dherely certify this to be a time Copy of the rule

CAROL R. MADDALONI
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES MAY 19, 2003
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Edward J. Freel, Secretary of State

AUTHENTICATION:

8875955

DATE:

01-21-98



RESTATED CERTIFICATE OF INCORPORATION HOECHST CELANESE CORPORATION

Hoechst Celanese Corporation, incorporated under the name "The American Cellulose & Chemical Manufacturing Company, Ltd." by the filing of its original Certificate of Incorporation with the Secretary of State on January 5, 1918, does hereby file this Restated Certificate of Incorporation which has been duly adopted by the Board of Directors and the sole Stockholder. The text of this Restated Certificate of Incorporation as heretofore amended or supplemented is hereby restated and further amended to read in its entirety as follows:

FIRST: The name of the Corporation is HNA HOLDINGS, INC.

SECOND: The address of the registered office of the Corporation in the State of Delaware is Corporation Trust Center, 1209 Orange Street in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

THIRD: The nature of the business and the objects and purposes proposed to be conducted or promoted by the Corporation, are to engage in any activity for which corporations may be organized under the General Corporation Law of Delaware.

FOURTH: The total number of shares of stock that the Corporation shall have authority to issue is ten thousand (10,000) shares of Common Stock, par value \$0.10 per share.

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FIFTH: The Board of Directors is authorized to adopt, amend or repeal the Bylaws of the Corporation.

SIXTH: Meetings of stockholders shall be held at such place, within or without the State of Delaware, as may be designated by or in the manner provided by the By-laws. The books of the Corporation may be kept (subject to any provision contained in the Delaware General Corporation Law) outside of the State of Delaware at such place or places as may be designated from time to time by the Board of Directors in the By-laws of the Corporation. Elections of directors need not be by written ballot unless and to the extent that the By-laws so provide.

SEVENTH: The Corporation reserves the right to amend, alter or repeal any provision contained in this Restated Certificate of Incorporation in the manner now or hereafter prescribed by statute, and all rights of stockholders herein are subject to this reservation.

EIGHTH: No director of the Corporation shall be personally liable to the

Corporation or its stockholders for monetary damages for breach of fiduciary duty as a

director; except for liability (i) for any breach of the director's dury of loyalty to the

corporation or its stockholders, (ii) for acts or omissions not in good faith or which

involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of

the General Corporation Law of the State of Delaware, or (iv) for any transaction from

which the director derived an improper personal benefit.

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This Restated Certificate of Incorporation was duly adopted by the sole stockholder in accordance with the provisions of Sections 242 and 245 of the Delaware General Corporation Law.

IN WITNESS WHEREOF, said HNA Holdings, Inc. has caused its corporate seal to be hereunto affixed and this certificate to be signed by David A. Jenkins, its President and attested by Julie K. Chapin, its Assistant Secretary, this 2nd day of January, 1998.

HNA HOLDINGS, INC.

David A. Jenkins

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ATTEST

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Kilie K. Chapin

Assistant Secretary

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