

01-08-2003

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OMB No. 0651-0027 (exp. 5/31/2002)

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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):

Hercules Incorporated
1313 North Market Street
Wilmington, DE 19894-0001

12-27-02

2. Name and address of receiving party(ies)

Name: Credit Suisse First Boston, as Collateral Agent

Internal Address: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other Notice of Grant of Security Interest

Street Address: Eleven Madison Avenue

City: New York State: NY Zip: 10010

Execution Date: December 20, 2002

Additional name(s) & address(es) attached? Yes 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) _____

B. Patent No.(s) _____

SEE ATTACHED SCHEDULE

SEE ATTACHED SCHEDULE

Additional numbers attached? Yes No

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

Name: Steven D. Thomas

Internal Address: Moore & Van Allen PLLC

Street Address: 2200 West Main Street,

Suite 800

City: Durham State: NC Zip: 27705

6. Total number of applications and patents involved: 50

7. Total fee (37 CFR 3.41).....\$ 2,000.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-2316

FINANCE SECTION
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9. Signature.

Steven D. Thomas
Name of Person Signing

Steven D. Thomas
Signature

December 27, 2002
Date

Total number of pages including cover sheet, attachments, and documents: _____

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 13599 FRAME: 0200

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

PCH JR
 Assignee: Hercules Incorporated

31JUL2000

09/629629

F

US

Title: BIODERHALOGENATING CULTURES AND PRODUCTION THEREOF

PCH JR
 Assignee: Hercules Incorporated

02AU2000

09/631146

G

US

Title: BIOFILM GROWTH DEVICE

PCH GAS
 Assignee: Hercules Incorporated

27JUL2001

09/916355

F

US

Title: FIBROUS SHEET ENHANCEMENT

PCH GAS
 Assignee: Hercules Incorporated

31JUL2001

09/918891

F

US

Title: Compositions and Processes of Enzymatically Modified Polysaccharides

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Ally
10070	US	F	09/920122	01AU2001				PCH	GAS
Title: Process for the Production of Chemically or Enzymatically Modified Polysaccharides and Products Made Thereby									
10036	US	G	07/630657	20DE1990	5068168	26NO1991	20DE2010	PCH	GAS
Title: Styrene/Maleates Terpolymer									
10037	US	G	07/972338	06NO1992	5290849	01MR1994	06NO2012	PCH	GAS
Title: Improved Polymer Solution for Improving Sizing Paper									
10078	US	F	09/947300	06SE2001				PCH	GAS
Title: Amphoteric Polymer Resins that Increase the Rate of Sizing Development									
10085	US	F	10/027166	20DE2001				PCH	JR
Title: Laccase Activity Enhancers									

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
10086	US	F	10/006027	07DE2001				PCH	JR
Title: Reduced Byproduct High Solids Polyamine-Epihalohydrin Compositions									
10086	US	2	10/013049	10DE2001				PCH	JR
Title: Reduced Byproduct High Solids Polyamine-Epihalohydrin Compositions									
10113	US	F	10/027164	20DE2001				PCH	JR
Title: Laccase Activity Enhancers for Pulp Bleaching									
10114	US	F	10/027149	20DE2001				PCH	JR
Title: Bio-Bleaching of Pulp Using Laccase Mediator and Chain Transfer Agent									
10115	US	F	10/027165	20DE2001				PCH	JR
Title: Enhancing Laccase Activity Using Pro-Oxidants and Pro-Degradants in Pulp Bleaching									

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

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Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Patents & Patent Applications
 Division: Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
10125	US	F	10/087074	01MR2002				PCH	GAS
Title: Resins Acting as Wet Strength Agents and Creping Aids and Processes for Preparing and Using the Same									
10131	US	L	60/346475	07JA2002			07JA2003	PCH	JR
Title: Improved Polyalkyldiallylamine-Epichlorohydrin Resins as Wet-Strength Papermaking Additive									
10159	US	F	09/866830	29MY2001				PCH	JR
Title: Non-Aqueous Release from Paper Machine Equipment									
10177	US	F	10/266509	08OC2002				PCH	JR
Title: Biocidal Synergy									
10177P	US	L	60/405235	22AU2002			22AU2003	PCH	JR
Title: Biocidal Synergy									

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
10213	US	F	10/006029	07DE2001				PCH	GAS

Title: Anionic Co-Polymers Prepared in an Inverse Emulsion Matrix and Their Use in Preparing Cellulosic Fiber Compositions
 Assignee: Hercules Incorporated

10222	US	F	10/118384	08AP2002				PCH	MFS
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Title: Process for Increasing the Dry Strength of Paper
 Assignee: Hercules Incorporated

10229	US	F	10/032651	27DE2001				PCH	JR
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Title: Methyl Acrylate-Diamine based Polyamide Resins and Processes for Producing the Same
 Assignee: Hercules Incorporated

10249	US	L	60/39528	12JL2002			12JL2003	PCH	JR
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Title: ENZYMES APPLIED CONTINUOUSLY TO REDUCE DOWN TIME FOR BATCH CLEANING AND TO INCREASE EFFECTIVE LIFE OF PRESS FELT
 Assignee: Hercules Incorporated

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
10257	US	F	10/121880	12AP2002				PCH DM	Assignee: Hercules Incorporated

Title: Aqueous dispersible oil and water-sizing polymer composition

3335 US C G 511445 07JUL1983 4522686 11JE1985 11JE2002 PCH HLD

Title: BLENDS OF STABILIZED KETENE DIMER EMULSION AND STABILIZED FREE ROSIN EMULSION, AND USE FOR SIZING PAPER
 Assignee: Hercules Incorporated

3348 US G 48893 27AP1983 4487884 11DE1984 27AP2003 PCH HLD

Title: WET-STRENGTH RESINS BASED ON EPIHALOHYDRIN-MODIFIED POLYAMIDE DERIVED FROM MBAPA AND OXALIC ACID
 Assignee: Hercules Incorporated

3462D US D G 663105 22OC1984 4537657 27AU1985 27AP2003 PCH HLD

Title: PAPER TREATED WITH WET-STRENGTH RESINS BASED ON EPIHALOHYDRIN-MODIFIED POLYAMIDE-POLYUREYLENE DERIVED FROM MBAPA, OXALIC ACID AND UREA
 Assignee: Hercules Incorporated

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
3489C	US	C G	689739	08JA1985	4605709	12AU1986	12AU2003	PCH	IGS
Title: WET-STRENGTH RESINS BASED ON EPIHALOHYDRIN-MODIFIED POLYAMINO-COPOLY-AMIDE DERIVED FROM MBAPA AND ESTERS OF OXALIC AND SATURATED DICAR-BOXYLIC ACIDS									
3693D	US	MD G	863658	15MY1986	4708772	24NO1987	27AP2003	PCH	IGS
Title: PAPER TREATED WITH RESIN BASED ON EPIHALOHYDRIN-MODIFIED POLYAMINO-COPOLYAMIDE DERIVED FROM MBAPA AND ESTERS OF OXALIC AND SATURATED DICARBOXYLIC ACIDS									
3749P	US	F G	884642	11JL1986	4789820	06DE1988	08JA2006	PCH	IGS
Title: MICROWAVE SENSOR SYSTEM FOR MONITORING MOISTURE AND THICKNESS IN MOVING PAPER WEB									
4256	US	G	561860	01AU1990	5171795	15DE1992	01AU2010	PCH	TJG
Title: PROCESS FOR PREPARING WATER-SOLUBLE POLYAMINOPOLYAMIDE--EPICHLORO-HYDRIN RESIN WITH REDUCED POLYMER-BOUND ORGANIC CHLORINE CONTENT (AOX)									

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
4308	US	G	629328	17DE1990	5169441	08DE1992	17DE2010	PCH	RVJ
Title: CATIONIC INORGANIC FILLER/PIGMENT INCORPORATING WATER-SOLUBLE CATIONIC REACTION PRODUCT OF EPICHLOROHYDRIN AND COMPOUND CONTAINING CYCLIC QUATERNARY GROUPS									
4378C	US	C	748486	22AU1991	5972100	26OC1999	26OC2016	PCH	JAC
Title: INORGANIC PARTICULATE FILLER PRETREATED WITH COMBINATION OF CELLULOSE REACTIVE SIZE AND CATIONIC POLYMER DISPERSANT									
4414	US	G	803862	09DE1991	5316623	31MY1994	09DE2011	PCH	RVJ
Title: IMPARTING WET STRENGTH & ABSORBENCY TO PAPER USING MIXED SYSTEM OF THERMOSETTING RESIN, WATER-SOLUBLE CARBOXYLATED POLYMER & NONTHERMOSETTING POLYMER									
4419	US	G	812534	23DE1991	5338407	16AU1994	23DE2011	PCH	RVJ
Title: ENHANCEMENT OF PAPER DRY STRENGTH WITH COMBINATION OF ANIONIC GUAR DERIVATIVE AND CATIONIC GUAR OR CATIONIC ACRYLAMIDE COPOLYMER									

Patents & Patent Applications
 DivisionPaper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
4422	US	G	814734	23DE1991	5338807	16AUI994	23DE2011	PCH	IGS
Title:CREPING AID RESIN DERIVED FROM SPECIFIED PROPORTIONS OF (1) POLYAMIDE OF ALIPHATIC OR AROMATIC DICARBOXYLIC ACID AND MBAPA AND (2) EPICHLOROHYDRIN									
4471	US	G	894327	04JE1992	5341103	23AUI994	04JE2012	PCH	IGS
Title:PROCESS AND APPARATUS FOR SIMULTANEOUS GENERATION AND MEASUREMENT OF TRIBOELECTRIC CHARGE ON A SURFACE									
4488P	US	P	929554	14AUI992	5318669	07JE1994	23DE2011	PCH	IGS
Title:ENHANCEMENT OF PAPER DRY STRENGTH WITH (1) ANIONIC GUM DERIVATIVE AND (2) CATIONIC POLYMER, OPTIONALLY INCLUDING CATIONIC WET-STRENGTH RESIN									
4499C	US	C	479489	07JE1995	5674358	07OC1997	07OC2014	PCH	IGS
Title:REPULPING OF PAPER AND PAPERBOARD USING WATER-SOLUBLE NONCHLORINATING OXIDIZER AND WATER-SOLUBLE BUFFER PROVIDING PH 7-12									

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
4501C	US	C	943106	10SE1992	5338406	16AU1994	16AU2011	PCH	IGS
Title: PAPERMAKING USING UNBLEACHED PULP CONTAINING ANIONIC POLYMER(S) PLUS POLYELECTROLYTE-FORMING CATIONIC POLYMER ADDITIVE(S), TO IMPROVE DRY STRENGTH OF PRODUCT									
4605	US	G	971673	04NO1992	5249953	05OC1993	04NO2012	PCH	MDK
Title: GAS DISTRIBUTING AND INFRARED RADIATING BLOCK ASSEMBLY: METHOD OF PRODUCING INFRARED RADIATION THEREWITH									
4623	US	G	08/192570	07FE1994	5685815	11NO1997	11NO2014	PCH	MDK
Title: FINE PAPER CONTAINING 2-OXETANONE ALKALINE SIZING AGENT, NOT SUBJECT TO FEED PROBLEMS IN HIGH-SPEED CONVERTERS AND REPROGRAPHY MACHINES									
4629	US	G	349113	02DE1994	5525664	11JE1996	02DE2014	PCH	IGS
Title: WET STRENGTH RESIN INCORPORATING BOTH A HYDROXYAZETIDINIUM CONTAINING CATIONIC POLYMER AND A CARBOXYALKYLATED POLYAMINE POLYMER OR SALT									

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Assignee: Hercules Incorporated

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
4641D	US	D	G	202417	28FE1994	5502091	26MR1996	26MR2013	PCH IGS Assignee: Hercules Incorporated
Title: PAPER DRY-STRENGTH ENHANCING COMPOSITION COMPRISING (1) ANIONIC GUM DERIVATIVE AND (2) CATIONIC POLYMER, OPTIONALLY INCLUDING CATIONIC WFT-STRENGTH RESIN									
4643C	US	C	G	08/217084	24MR1994	5714552	03FE1998	03FE2015	PCH IGS Assignee: Hercules Incorporated
Title: MAKING WATER-SOLUBLE EPICHLOROHYDRIN MODIFIED POLYAMINES AND POLYAMINOPIYAMIDES USING SPECIFIED EPI/AMINE RATION AND STAGED REACTION TEMP FOR AOX CONTROL									
4677C	US	C	G	243492	16MY1994	5470742	28NO1995	28NO2012	PCH DM Assignee: Hercules Incorporated
Title: SELECTIVE DEHALOGENATION OF NITROGEN FREE ORGANOHALOGEN COMPOUND(S) PRESENT WITH NITROGEN-CONTAINING CATIONIC POLYMER USING DEHALOGENASE ENZYME									
4722	US	G	G	08/344831	23NO1994	5543446	06AU1996	23NO2014	PCH MDK Assignee: Hercules Incorporated
Title: TERPOLYMER OF (METH)ACRYLAMIDE, ETHYLENICALLY UNSATURATED ACID AND SMALL AMOUNT OF POLYFUNCTIONAL VINYL MONOMER, USEFUL AS DRY STRENGTH AGENT, & PREP'N									

Patents & Patent Applications
 Division Paper Chemicals/Paper Technology
 Date of Report: 03DE2002

Docket Number	Country	Status	Application Number	Application Date	Patent Number	Patent Date	Exp.	Div.	Atty
4723	US	G	347921	01DE1994	5510004	23AP1996	01DE2014	PCH	MFS

Title: DIALLYLAZETIDINIUM POLYMERS HAVING LOW AOX CONCENTRATION AS WET STRENGTH RESINS, AND PAPER FURNISHES AND PAPER CONTAINING THESE RESINS
 Assignee: Hercules Incorporated

4727	US	G	08/355925	14DE1994	5614597	25MR1997	14DE2014	PCH	IGS
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Title: PREPARING WET STRENGTH RESIN BY TREATING POLYAMINOPOLYAMIDE-EPI RESIN HAVING LOW EPI CONTENT WITH WATER-SOLUBLE, NONPOLYMERIC AMINE & THERMALLY CROSSLINKING
 Assignee: Hercules Incorporated

4735X	US	X	G	08/365399	28DE1994	6033526	07MR2000	PCH	MSM
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Title: NEUTRAL-TO-ALKALINE PAPER SIZING WITH COMPOSITION OF ROSIN, SELECTED CATIONIC POLYAMINE RESIN AND OPTIONALLY A MINOR AMOUNT OF ALUM
 Assignee: Hercules Incorporated

NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of December 20, 2002 (the "Security Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Credit Suisse First Boston, as Collateral Agent (the "Collateral Agent") for the benefit of the Lenders referenced therein (the "Lenders"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the patents and patent applications shown below to the Collateral Agent for the ratable benefit of the Lenders:

PATENTS

<u>Patent No.</u>	Description of Patent <u>Item</u>	Date of <u>Patent</u>
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[please see attached Exhibit A]

Patent Applications

<u>Patent Applications No.</u>	Description of Patent <u>Applied For</u>	Date of Patent <u>Applications</u>
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[please see attached Exhibit A]

The Obligors and the Collateral Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

HERCULES INCORPORATED

By: Israel J. Floyd
Name: ISRAEL J. FLOYD
Title: DULY AUTHORIZED REPRESENTATIVE

Acknowledged and Accepted:

CREDIT SUISSE FIRST BOSTON, as Collateral Agent

By: _____
Name: _____
Title: _____

By: _____
Name: _____
Title: _____

The Obligors and the Collateral Agent, on behalf of the Lenders, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

HERCULES INCORPORATED

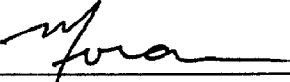
By: _____

Name: _____

Title: _____

Acknowledged and Accepted:

CREDIT SUISSE FIRST BOSTON, as Collateral Agent

By:  _____

Name: JAMES P. MORAN

Title: DIRECTOR

By:  _____

Name: IAN W. NALITT

Title: ASSOCIATE