

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

Security Agreement

CONVEYING PARTY DATA

Name	Execution Date
Bank of America, N.A., as successor to LaSalle Bank National Association	01/31/2009

RECEIVING PARTY DATA

Name:	U.S. Bank National Association
Street Address:	209 South LaSalle Street
Internal Address:	Suite 300
City:	Chicago
State/Country:	ILLINOIS
Postal Code:	60604

PROPERTY NUMBERS Total: 63

Property Type	Number
Patent Number:	4991260
Patent Number:	5108804
Patent Number:	4970758
Patent Number:	5030486
Patent Number:	5021252
Patent Number:	5049399
Patent Number:	5077109
Patent Number:	5085890
Patent Number:	5032416
Patent Number:	5256458
Patent Number:	5344679
Patent Number:	5230651
Patent Number:	5145449
Patent Number:	5277857

PATENT

500772100

REEL: 022203 FRAME: 0273

CH \$2520.00 4991260

Patent Number:	5207609
Patent Number:	5207608
Patent Number:	5328733
Patent Number:	5173074
Patent Number:	6183826
Patent Number:	5238443
Patent Number:	5549943
Patent Number:	5698279
Patent Number:	6045848
Patent Number:	5381643
Patent Number:	5573797
Patent Number:	5573800
Patent Number:	5573801
Patent Number:	5304385
Patent Number:	5356007
Patent Number:	5955126
Patent Number:	5451364
Patent Number:	5399213
Patent Number:	5382190
Patent Number:	5391108
Patent Number:	5480945
Patent Number:	5470519
Patent Number:	5603884
Patent Number:	5597587
Patent Number:	5658524
Patent Number:	5702783
Patent Number:	5744251
Patent Number:	6200510
Patent Number:	6143344
Patent Number:	6264874
Patent Number:	6319457
Patent Number:	6547999
Patent Number:	6630214
Patent Number:	6444161
Patent Number:	7244481

Patent Number:	4933217
Patent Number:	5277858
Patent Number:	5658525
Patent Number:	5700600
Patent Number:	5695800
Patent Number:	5747125
Patent Number:	5766540
Patent Number:	5759478
Patent Number:	6279737
Patent Number:	5942354
Patent Number:	6096258
Patent Number:	5962053
Patent Number:	6051335
Patent Number:	6132779

CORRESPONDENCE DATA

Fax Number: (312)840-7884
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: (312) 840-7860
 Email: mmurphy@jenner.com
 Correspondent Name: Mariann R. Murphy
 Address Line 1: 330 N. Wabash Avenue
 Address Line 2: Jenner & Block LLP
 Address Line 4: Chicago, ILLINOIS 60611-7603

ATTORNEY DOCKET NUMBER:	41071-10028
NAME OF SUBMITTER:	Mariann R. Murphy

Total Attachments: 16

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ASSIGNMENT OF
INTELLECTUAL PROPERTY SECURITY AGREEMENT

This ASSIGNMENT OF INTELLECTUAL PROPERTY SECURITY AGREEMENT (the "Assignment") is made as of January 31, 2009 by Bank of America, N.A., as successor to LaSalle Bank National Association (the "Existing Collateral Agent"), for good and valuable consideration, in favor of U. S. Bank National Association (the "New Collateral Agent").

Reference is hereby made to that certain Intellectual Property Security Agreement dated as of June 29, 2004 (the "Intellectual Property Security Agreement") by Viskase Companies, Inc. (the "Borrower"), in favor of the Existing Collateral Agent, pursuant to which the Borrower granted to the Existing Collateral Agent a security interest in all of its Intellectual Property (as defined in the Intellectual Property Security Agreement), including, without limitation, the applications and registrations set forth on Schedule I attached hereto.

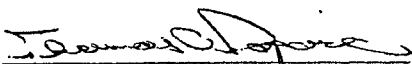
The Existing Collateral Agent hereby assigns, transfers and sets over to the New Collateral Agent, in its capacity as agent and collateral agent, its successors and assigns, all of its right, title and interest in and to the Intellectual Property Security Agreement, including, without limitation, the Intellectual Property and the applications and registrations set forth on Schedule I attached hereto.

This Assignment is being executed pursuant to that certain Tri-Party Agreement dated as of January 31, 2009, among the Existing Collateral Agent, the New Collateral Agent and the Borrower, without any additional representation or warranties and without in any way qualifying or amending the representations and warranties contained therein.

*[Remainder of Page Intentionally Left Blank;
Signature Page Follows]*

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be executed as of the date first above written by its duly authorized officer.

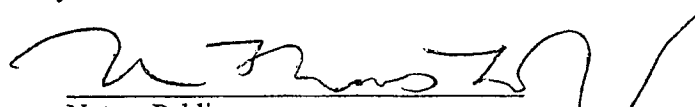
BANK OF AMERICA, N.A.,
as successor to LASALLE BANK
NATIONAL ASSOCIATION

By: 
Name: Thomas A. Popovics
Title: Assistant Vice President

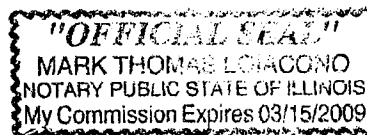
STATE OF ILLINOIS)
) SS.
COUNTY OF COOK)

I HEREBY CERTIFY that on this 29th day of January, 2009, before me, the undersigned officer, personally appeared Thomas A. Popovics, who acknowledged himself to be an Assistant Vice President of Bank of America, N.A., and that he, in such capacity, being authorized to do so, executed this Assignment for the purposes therein contained, by signing the name of Bank of America, N.A., as successor to LaSalle Bank National Association, as an Assistant Vice President of Bank of America, N.A.

IN WITNESS WHEREOF, I hereunto set my hand and Notarial Seal.


Notary Public

My Commission expires:



[Signature Page to Assignment of Intellectual
Property Security Agreement]

SCHEDULE I
INTELLECTUAL PROPERTY

See Attached.

VISCASE PROPRIETARY RIGHTS
(PATENTS / APPLICATIONS)

CASE NUMBER	SUB	COUN	FIL DATE	ISS DATE	APPL NUMBER	PAT NUMBER	STATUS	TITLE
010831	8	US	01/13/1989	08/19/1989	298277	4867204	Granted	IMPROVED TUBULAR CELLULOSE FOOD
012325		CA	02/18/1983	04/30/1985	421980-0	1186173	Granted	CONTROLLABLY MOISTURIZED MOLD RE
012540		CA	09/02/1983	01/13/1987	458014-1	1218459	Granted	PACKAGE ARTICLE FOR AUTOMATICALL
012541		CA	09/02/1983	11/12/1986	458015-0	1213775	Granted	METHOD AND APPARATUS FOR AUTOMA
012542		CA	09/02/1983	08/03/1986	458013-3	1205321	Granted	ARTICLE FOR USE IN AUTOMATICALLY A
012574	4	CA	10/01/1982	10/29/1985	412848-3	1185872	Granted	TAR DEPLETED LIQUID SMOKE AND TREA
012676	1	US	02/13/1985	07/07/1987	701233	H304	Granted	PRINTING INK FOR USE ON FLEXIBLE FIL
012834	1	CA	08/18/1983	08/10/1986	454849-0	1205669	Granted	COMPOSITE SHIRRED CASING ARTICLE A
012896	1	CA	10/01/1982	05/21/1985	412876-9	1187324	Granted	TAR-DEPLETED LIQUID SMOKE TREATME
012898	2	US	11/30/1983	08/02/1986	556443	4609559	Granted	TAR-DEPLETED LIQUID SMOKE TREATME
012982	1	CA	09/27/1984	08/21/1988	464185-0	1238230	Granted	FOOD CASING AND METHOD OF PREPARI
012982	1	US	01/26/1984	09/24/1988	573367	4588727	Granted	FOOD CASING AND METHOD OF PREPARI
012984	1	CA	10/01/1982	05/07/1985	412853-0	1186555	Granted	TAR-DEPLETED LIQUID SMOKE TREATME
012986	1	CA	04/23/1982	04/23/1985	401528-8	1185838	Granted	LIQUID COATING METHOD AND APPARAT
013154	A	CA	11/21/1985	05/31/1988	493850-7	1237324	Granted	STUFFING METHOD AND APPARATUS.
013154		CA	04/23/1982	02/11/1986	401524-0	1200420	Granted	CORED HIGH DENSITY SHIRRED CASINGS
013155	2	CA	04/23/1982	10/22/1985	401523-1	1185544	Granted	CORED HIGH DENSITY SHIRRED CASINGS
013155	2	DE	04/29/1982	07/28/1983	53216011-9	3218011-9	Granted	CORED HIGH DENSITY SHIRRED CASINGS
013155	2	MX	04/30/1982	01/08/1990	192526	160224	Granted	CORED HIGH DENSITY SHIRRED CASINGS
013155	4	US	08/02/1985	08/13/1991	3761675	5038832	Granted	CORED HIGH DENSITY SHIRRED CASINGS
013217	2	US	07/13/1988	08/28/1990	380709	4951718	Granted	TENSION SLEEVE SUPPORTED CASING A
013217	1	CA	05/21/1982	03/03/1985	403499-8	1183398	Granted	TENSION SLEEVE SUPPORTED CASING A
013218		MX	07/16/1982	12/12/1985	193630	160148	Granted	HIGH COHERENCY SHIRRED CASINGS.
013218		US	07/17/1981	03/17/1987	283244	4649961	Granted	HIGH COHERENCY SHIRRED CASINGS.
013218		CA	06/30/1982	08/10/1986	466386-0	1205870	Granted	HIGH COHERENCY SHIRRED CASINGS.
013218	1	US	09/05/1986	07/12/1988	903918	4786057	Granted	HIGH COHERENCY SHIRRED CASINGS.
013308	1	US	09/08/1982	02/25/1986	415882	4572098	Granted	LIQUID SMOKE-IMPREGNATED FIBROUS
013308		IT	09/10/1982	12/11/1986	21205482	1152388	Granted	LIQUID SMOKE-IMPREGNATED FIBROUS
013309		BE	09/10/1982	03/10/1983	208894	894373	Granted	LIQUID SMOKE-IMPREGNATED FIBROUS
013309		CA	08/13/1982	08/04/1984	408414-0	1173895	Granted	LIQUID SMOKE-IMPREGNATED FIBROUS
013309		FI	08/08/1982	10/27/1986	82-5104	70776	Granted	LIQUID SMOKE-IMPREGNATED FIBROUS
013309		FR	09/10/1982	02/17/1986	82-15366	82-15366	Granted	LIQUID SMOKE-IMPREGNATED FIBROUS
013521		CA	02/08/1984	11/12/1988	447123-7	1213770	Granted	TAR-DEPLETED, CONCENTRATED, LIQUID
013646		BE	02/13/1984	09/17/1988	44101439-2	0116784	Granted	INHIBITION OF DISCOLORATION ON CELL
013646		CA	01/25/1984	10/14/1988	445988-4	1212570	Granted	INHIBITION OF DISCOLORATION ON CELL
013646		FI	02/13/1984	03/10/1988	84-9563	74593	Granted	INHIBITION OF DISCOLORATION ON CELL
013646		FR	02/13/1984	09/17/1988	44101439-2	0116784	Granted	INHIBITION OF DISCOLORATION ON CELL
013646		DE	02/13/1984	09/17/1988	44101439-2	74460728-8	Granted	INHIBITION OF DISCOLORATION ON CELL
013646		GB	02/13/1984	08/17/1988	44101439-2	0116784	Granted	INHIBITION OF DISCOLORATION ON CELL
013687		SE	12/30/1988	09/02/1989	83110536-A	0107190	Granted	METHOD AND APPARATUS FOR COMPAC
013687		MX	10/21/1983	01/27/1989	189173	158374	Granted	METHOD AND APPARATUS FOR COMPAC
013687	1	MX	07/30/1985	08/27/1986	208149	182493	Granted	METHOD AND APPARATUS FOR COMPAC
013687		MO	10/21/1983	12/07/1988	83-3861	158152	Granted	METHOD AND APPARATUS FOR COMPAC

(PATENTS / APPLICATIONS)

Case Number	Sub	Coun	File Date	Iss Date	App Number	Pat Number	Status	Title
013687	ES		10/21/1983	08/25/1984	526637	526637	Granted	METHOD AND APPARATUS FOR COMPAC
013687	NL		10/21/1983	09/02/1987	63110836.8	0107190	Granted	METHOD AND APPARATUS FOR COMPAC
013687	ES		08/01/1984	02/13/1986	279639	279639	Granted	METHOD AND APPARATUS FOR COMPAC
013687	OK		10/21/1983	05/11/1987	4851813	162568	Granted	METHOD AND APPARATUS FOR COMPAC
013687	CH		10/21/1983	09/02/1987	83310536.4	0107190	Granted	METHOD AND APPARATUS FOR COMPAC
013687	GB		10/21/1983	09/02/1987	833110538.6	0107190	Granted	METHOD AND APPARATUS FOR COMPAC
013687	US		10/22/1982	04/01/1986	438057	4578842	Granted	METHOD AND APPARATUS FOR COMPAC
013687	ES		08/01/1984	12/14/1987	83310536.4	533048	Granted	METHOD AND APPARATUS FOR COMPAC
013687	FI		10/20/1983	08/08/1988	63-3840	75723	Granted	METHOD AND APPARATUS FOR COMPAC
013687	A	CA	04/20/1986	10/08/1992	954579	1301288	Granted	METHOD AND APPARATUS FOR COMPAC
013687	ES		07/03/1983	04/15/1991	532034	533048	Granted	METHOD AND APPARATUS FOR COMPAC
013687	CA		08/20/1985	08/23/1988	438092.4	1240878	Granted	METHOD AND APPARATUS FOR COMPAC
013687	BE		10/21/1983	08/02/1987	833110536.4	0107190	Granted	METHOD AND APPARATUS FOR COMPAC
013687	1	AU	10/11/1985	12/09/1987	4858085	583259	Granted	METHOD AND APPARATUS FOR COMPAC
013687	1	US	02/13/1985	09/01/1987	701309	4690173	Granted	METHOD AND APPARATUS FOR COMPAC
013687	FR		10/21/1983	09/02/1987	833110536.4	0107190	Granted	METHOD AND APPARATUS FOR COMPAC
013774	ES		03/30/1984	09/30/1988	281892	281892	Granted	SHURRED CASING STICK ARTICLE WITH E
013774	N	ES	07/01/1985	11/14/1986	544782	544782	Granted	SHURRED CASING STICK ARTICLE WITH E
013774	BE		03/30/1984	09/07/1988	84103560.3	0123933	Granted	SHURRED CASING STICK ARTICLE WITH E
013774	A	ES	07/01/1985	11/14/1986	544781	544781	Granted	SHURRED CASING STICK ARTICLE WITH E
013775	CA		03/30/1984	02/16/1988	451038.1	1232788	Granted	ARTICLE METHOD FOR SHURRED CASING C
013786	CA		11/23/1984	09/20/1988	468577.4	1242866	Granted	TUBULAR CORE FOR SHURRED CASING A
013838	1	US	06/18/1985	06/17/1988	484358.4	1246883	Granted	COMPOSITE SHURRED CASING ARTICLE
013838	1	US	04/04/1984	06/10/1988	355801	4594251	Granted	PREPARATION OF TAR-DEPLETED LIQUID
013838	1	CA	04/13/1984	10/08/1987	4511896.1	1227690	Granted	PREPARATION OF TAR-DEPLETED LIQUID
013824	A	CA	08/18/1988	09/28/1988	875289	1260757	Granted	STUFFING METHOD AND APPARATUS.
013924	2	US	05/18/1984	11/15/1988	454758	1244768	Granted	STUFFING METHOD AND APPARATUS.
013924	2	US	07/22/1986	03/17/1987	8895753	4849802	Granted	STUFFING METHOD AND APPARATUS FOR CONIRO
014378	CA		02/08/1985	09/08/1987	473288-0	1284173	Granted	METHOD AND APPARATUS FOR CASING.
014378	CA		08/18/1985	08/26/1989	484381.4	1284173	Granted	CELLULOSIC FOOD CASING.
014848	CA		08/08/1987	03/25/1993	546302	1318185	Granted	FLAT STOCK FIBROUS CELLULOISIG FOO
014985	CA		08/09/1988	05/23/1998	508198	1318185	Granted	DISPOSABLE TENSION SLEEVE FOR A ST
015221	CH		08/03/1988	10/05/1994	88114385.1	1254458	Granted	FURNISHED END SHURRED CASING STICK
015221	US		08/08/1988	10/17/1989	228661	4673748	Granted	FURNISHED END SHURRED CASING STICK
015721	FR		08/03/1988	10/05/1994	88114385.1	1334483	Granted	FURNISHED END SHURRED CASING STICK
015321	BE		08/03/1988	10/05/1994	88114385.1	1334483	Granted	FURNISHED END SHURRED CASING STICK
015321	BE		08/03/1988	10/05/1994	88114385.1	1334483	Granted	FURNISHED END SHURRED CASING STICK
015321	CA		08/04/1988	12/27/1992	4607904	1333673	Granted	FURNISHED END SHURRED CASING STICK
015321	BE		08/03/1988	10/05/1994	88114385.1	1334483	Granted	FURNISHED END SHURRED CASING STICK
015321	BE		08/03/1988	10/05/1994	88114385.1	1334483	Granted	FURNISHED END SHURRED CASING STICK
015321	AT		08/03/1988	10/05/1994	88114385.1	1334483	Granted	FURNISHED END SHURRED CASING STICK
015321	CA		03/18/1987	01/28/1992	323528	11294810	Granted	END CLOSURE FOR SHURRED CASING STI

VISEASE PROPRIETARY RIGHTS
(PATENTS / APPLICATIONS)

CASE NUMBER	SUB	COUN	FIL DATE	ISS DATE	APPL NUMBER	PAT NUMBER	STATUS	TITLE
015347	1	US	08/16/1987	07/26/1988	062730	4759100	Granted	END CLOSURE FOR SHIRRED CASING STI
015347		GB	03/20/1987	09/19/1990	87104129.8	0233029	Granted	END CLOSURE FOR SHIRRED CASING STI
015347		DE	03/20/1987	09/19/1990	87104129.8	2378464.1	Granted	END CLOSURE FOR SHIRRED CASING STI
015347		JP	03/23/1987	02/17/1993	08592187	1732787	Granted	END CLOSURE FOR SHIRRED CASING STI
015347		BE	03/20/1987	09/19/1990	87104129.8	0233028	Granted	END CLOSURE FOR SHIRRED CASING STI
015347		ES	03/20/1987	09/19/1990	87104129.8	0233028	Granted	END CLOSURE FOR SHIRRED CASING STI
015347		US	03/21/1986	09/13/1987	842225	4683280	Granted	END CLOSURE FOR SHIRRED CASING STI
020002	1	US	03/20/1987	09/19/1990	87104129.8	0233029	Granted	END CLOSURE FOR SHIRRED CASING STI
020003		CA	04/19/1988	04/04/1988	133214	4618351	Granted	LIQUID SMOKE IMPREGNATED SHIRRED
020005		CA	10/07/1987	01/23/1990	548810	1264399	Granted	CLAMP MEANS FOR STUFFING MACHINE
020006	1	US	07/28/1987	07/11/1989	543180	1257134	Granted	DISPOSABLE TENSION SLEEVE FOR A ST
020006	2	US	01/18/1988	10/18/1988	145063	1778539	Granted	CARAMEL-CONTAINING CELLULOSE ART
020006		US	10/20/1986	07/12/1988	820381	4781931	Granted	CARAMEL-CONTAINING CELLULOSE ART
020006		MX	10/19/1987	10/19/1987	8697	4758914	Granted	CARAMEL-CONTAINING CELLULOSE ART
020006		CA	10/15/1987	05/25/1993	549353	1686551	Granted	CARAMEL-CONTAINING CELLULOSE ART
020016		US	04/16/1987	08/20/1988	039197	4766845	Granted	CARAMEL-CONTAINING CELLULOSE ART
020026	1	US	08/21/1987	03/27/1990	091172	4911903	Granted	SIZE CONTROL SYSTEM FOR STUFFING
020026		US	03/26/1990	12/31/1991	498878	5077109	Granted	MULTILAYER FILM CONTAINING AMORPH
020027		US	01/06/1988	07/25/1989	141228	4651290	Granted	MULTILAYER FILM CONTAINING AMORPH
020027		CA	01/05/1989	10/18/1994	587614	1332581	Granted	MULTILAYER THERMOPLASTIC FILM.
020028		CA	09/08/1988	01/28/1992	576768	1294748	Granted	METHOD AND APPARATUS FOR SHIRRN
020028		BE	09/14/1988	07/08/1992	88114938.3	0314905	Granted	METHOD AND APPARATUS FOR SHIRRN
020028		US	11/02/1987	09/27/1988	115721	4773127	Granted	METHOD AND APPARATUS FOR SHIRRN
020028		ES	09/14/1988	01/08/1992	88114938.3	2021745	Granted	METHOD AND APPARATUS FOR SHIRRN
020030		BE	08/22/1988	05/10/1993	89115459.5	0358038	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030	1	US	04/10/1991	09/06/1995	885950	5344679	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		IT	08/22/1989	05/10/1993	89115459.5	264011899	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		GB	08/22/1989	05/10/1993	89115459.5	0358038	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		NL	08/23/1988	10/03/1991	233258	5033259	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		NL	08/22/1988	05/10/1993	89115459.5	0358038	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		FR	08/22/1988	05/10/1993	89115459.5	0358038	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		SE	08/22/1988	05/10/1993	89115459.5	0358038	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		AT	08/22/1988	05/10/1993	89115459.5	0358038	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		CA	08/17/1989		608599		Pending	AMORPHOUS NYLON COPOLYMER & COP
020030	2	US	08/30/1994	01/02/1998	298339	5180945	Granted	AMORPHOUS NYLON COPOLYMER & COP
020030		DE	08/22/1989	05/10/1993	89115459.5	268922354	Granted	AMORPHOUS NYLON COPOLYMER & COP
020031		SE	11/08/1988	03/11/1992	88118642.3	0315985	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		BE	11/05/1988	03/11/1992	88118642.3	0315985	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031	1	US	08/07/1988	07/08/1991	1403984	5030464	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		US	11/08/1987	12/26/1989	117863	4688751	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		FR	11/08/1988	03/11/1992	88118642.3	0315985	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		JP	11/08/1988	02/28/1990	281394/88	2022178	Granted	LIQUID SMOKE IMPREGNATED PEELABLE

VISCAGE PROPRIETARY RIGHTS
(PATENTS / APPLICATIONS)

CASE NUMBER	SUB	COUN	FIL DATE	ISS DATE	APPL NUMBER	PAT NUMBER	STATUS	TITLE
020031		DE	11/09/1988	03/11/1992	08118642.3	2386063.2	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		GB	11/09/1988	03/11/1992	08118642.3	0315945	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		CA	11/09/1988	05/24/1992	502677	1328721	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		IT	11/09/1988	03/11/1992	08118642.3	0315965	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		AT	11/09/1988	03/11/1992	08118642.3	0315965	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020031		FI	11/09/1988	04/11/1992	08118642.3	0315965	Granted	LIQUID SMOKE IMPREGNATED PEELABLE
020035		US	04/18/1988	06/13/1989	182531	4637897	Granted	MEAT PRODUCT PACKAGE CONTAINING
020057		US	03/06/1988	01/28/1992	191100	5084283	Granted	FOOD CASING FOR MAKING INDICIA BEA
020057		CA	03/05/1989	04/11/1992	598838	1335184	Granted	FOOD CASING FOR MAKING INDICIA BEA
020068		US	10/13/1989	04/28/1992	420654	5106804	Granted	BUFFERED ACID-TREATED FOOD CASING
020068	2	US	03/12/1992	03/04/1993	0531383	5207609	Granted	BUFFERED ACID-TREATED FOOD CASING
020068	1	US	03/12/1992	03/04/1993	0531383	5207608	Granted	BUFFERED ACID-TREATED FOOD CASING
020073		BE	07/13/1988	03/18/1992	09114135.0	0353697	Granted	METHOD & APPARATUS FOR SEVERING S
020073		FR	07/13/1988	04/18/1992	09114135.0	0353697	Granted	METHOD & APPARATUS FOR SEVERING S
020073		DE	07/13/1988	04/18/1992	09114135.0	0353697	Granted	METHOD & APPARATUS FOR SEVERING S
020073		GB	07/13/1988	04/18/1992	09114135.0	0353697	Granted	METHOD & APPARATUS FOR SEVERING S
020073		JP	07/13/1988	08/19/1998	15703189	4885821	Granted	METHOD & APPARATUS FOR SEVERING S
020073		US	08/01/1988	12/12/1998	226635	4885821	Granted	METHOD & APPARATUS FOR SEVERING S
020073		CA	07/13/1988	10/26/1993	607050	1323476	Granted	FOOD BODY WITH SURFACE COLOR INDI
020073	2	US	02/01/1990	06/04/1991	473550	5021252	Granted	FOOD BODY WITH SURFACE COLOR INDI
020073	3	US	02/01/1990	06/04/1991	473553	5042939	Granted	FOOD BODY WITH SURFACE COLOR INDI
020073	1	US	02/01/1990	07/09/1991	473549	5030486	Granted	FOOD BODY WITH SURFACE COLOR INDI
020073		US	12/16/1988	04/17/1990	285454	4817924	Granted	FOOD BODY WITH SURFACE COLOR INDI
020073		CA	05/05/1989	01/03/1993	539839	1324141	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085		IC	EP	11/13/2000	00742480.1	0384319	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	FR	02/16/1990	04/26/1999	90-103033.8	2794316	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	JP	02/16/1990	08/28/1993	90-038541	105525	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	FI	02/20/1990	09/13/2000	90-0844	5903307070	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	DE	02/16/1990	04/28/1993	90-103033.8	0384319	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	AT	02/16/1990	04/28/1993	90-103033.8	0384319	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	CA	02/16/1990	11/16/1998	2009890-9	2009890	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	AU	02/20/1990	08/23/1994	53023394	046797	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	BE	02/16/1990	04/28/1993	90-103033.8	0384319	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1A	GB	08/08/1996	08/16/2001	96112759.4	0750853	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1A	FR	08/08/1996	08/16/2001	96112759.4	0750853	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	NZ	07/13/1990	02/21/1994	244737	244737	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	ES	02/16/1990	04/28/1993	90-103033.8	5521320897	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	US	04/23/1993	11/12/1998	051760	5573801	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1A	NZ	10/15/1992	02/17/1994	244737	244737	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1A	AU	01/05/1994	04/30/1998	94-53023	665644	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1	IT	02/16/1990	04/28/1993	90-103033.8	0384319	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	1A	DE	08/08/1996	04/30/2001	96112759.4	0963377850	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020085	5	US	04/23/1993	11/12/1998	051760	5573800	Granted	ANTIMICROBIAL FILM & METHOD FOR SU

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020005	7 US	04/23/1993	11/12/1998	051258	5573797	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020005	1A BE	08/06/1998	08/16/2001	18412759.4	0750853	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020005	1 GR	02/16/1990	04/28/1993	90-103033.8	0345319	Granted	ANTIMICROBIAL FILM & METHOD FOR SU
020007	1 JP	01/10/1980	07/10/1996	90-001654	5088753	Granted	STUFFING METHOD AND APPARATUS.
020007	1 US	10/26/1989	10/06/1992	445455	5152712	Granted	STUFFING METHOD AND APPARATUS.
020007	2 US	12/01/1989	02/24/1993	442469	4991260	Granted	STUFFING METHOD AND APPARATUS.
020007	1 CA	12/18/1989	01/14/1993	2005800.4	2005800	Granted	STUFFING METHOD AND APPARATUS.
020009	1 US	08/30/1990	02/04/1992	574950	5085990	Granted	FOOD BODY WITH SURFACE COLOR INDI
020009	2 US	08/30/1990	07/18/1991	574971	5032416	Granted	FOOD BODY WITH SURFACE COLOR INDI
020009	2 CA	05/05/1989	01/31/1993	598838	1334140	Granted	FOOD BODY WITH SURFACE COLOR INDI
020009	1 CA	05/05/1989	01/31/1993	598840	1334142	Granted	FOOD BODY WITH SURFACE COLOR INDI
020007	1 US	07/14/1990	07/27/1993	551225	5230923	Granted	ACID RESISTANT PEELABLE CASING.
020004	US	01/12/1990	11/20/1990	463768	4970758	Granted	STUFFING METHOD AND APPARATUS.
020111	JP	08/07/1991	10/09/1993	91-221190	5839942	Granted	COLORED CELLULOSE CASING WITH GL
020111	MX	08/07/1991	04/03/1993	9100373	173547	Granted	COLORED CELLULOSE CASING WITH GL
020111	BR	08/06/1991	07/23/1993	19103380.2	19103380.2	Granted	COLORED CELLULOSE CASING WITH GL
020111	CA	07/19/1991	04/24/1993	2047477	2047477	Granted	COLORED CELLULOSE CASING WITH GL
020111	IT	08/06/1991	04/26/1993	9113147.6	26146 BEME	Granted	COLORED CELLULOSE CASING WITH GL
020111	FR	08/06/1991	04/26/1993	9113174.6	0473952	Granted	COLORED CELLULOSE CASING WITH GL
020111	A MX	08/07/1991		1955000317		Pending	COLORED CELLULOSE CASING WITH GL
020111	2 US	12/21/1992	04/04/2000	07993551	6043648	Granted	COLORED CELLULOSE CASING WITH GL
020111	AU	08/07/1991	12/06/1994	81693351	652167	Granted	COLORED CELLULOSE CASING WITH GL
020111	ES	08/06/1991	04/26/1993	9111174.6	5307167AT	Granted	COLORED CELLULOSE CASING WITH GL
020111	ZA	07/24/1991	04/25/1992	9105812	9105812	Granted	COLORED CELLULOSE CASING WITH GL
020131	1 US	08/09/1992	02/06/2001	07899373	6183281	Granted	COLORED CELLULOSE CASING WITH GL
020111	DE	08/06/1991	04/26/1993	9113174.6	691212.3-38	Granted	COLORED CELLULOSE CASING WITH GL
020135	PT	09/17/1991	11/12/1997	919993	99993	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	BE	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	DK	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	FR	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	US	09/18/1990	10/26/1993	584563	5258458	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	NY	09/05/1991	09/01/1993	231662	231662	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	1 US	08/15/1992	04/19/1994	076868	5304315	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	MX	09/17/1991	02/01/1992	9101115	174599	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	DE	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	GB	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	CA	09/20/1991	10/10/1993	2050451	2050451	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	BR	09/16/1991	05/16/2000	19103380.4	19103380.4	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	AU	09/17/1991	11/20/1992	04502091	651924	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	PL	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	AT	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	ES	09/14/1991	05/08/1996	91115622.2	0476553	Granted	SHIRRED THERMOPLASTIC CASING HAVI
020135	ZA	09/03/1991	08/27/1992	20119917	5109917	Granted	SHIRRED THERMOPLASTIC CASING HAVI

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CASE NUMBER	SUB	COUN	FILE DATE	ISS DATE	APP NUMBER	PAT NUMBER	STATUS	TITLE
020115	1	US	08/15/1993	04/19/1994	078888	5303183	Granted	METHOD OF THERMOPLASTIC CASING HAVING
020120	1	CA	03/03/1993	10/16/2001	2090584	2080864	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	1	MX	03/04/1993		92-01216		Pending	CELLULOSE ARTICLE CONTAINING AN O
020120	1	US	02/10/1993	10/25/1994	015751	5358765	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	1	BR	03/04/1993	07/11/2000	19300746-9	19300746-9	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	1	JP	03/04/1993	06/26/1998	92-088438	2784377	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	1	GB	03/03/1993	09/25/1998	93301625-5	0359454	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	1	DE	03/03/1993	09/25/1998	93301625-5	0359454	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	2	US	07/28/1994	11/28/1995	280744	5470519	Granted	CELLULOSE ARTICLE CONTAINING AN O
020120	1	FI	03/03/1993	05/15/2001	930830	109913	Granted	CELLULOSE ARTICLE CONTAINING AN O
020122	1	DE	03/03/1993	09/25/1998	93301625-5	0359454	Granted	METHOD AND APPARATUS FOR SEVERING
020127	1	US	07/01/1991	07/27/1993	724058	5230651	Granted	METHOD AND APPARATUS FOR SEVERING
020127	2	FR	08/05/1992	11/15/1993	92113356-7	0337435	Granted	METHOD AND APPARATUS FOR SEVERING
020127	2	ES	08/05/1992	11/15/1993	92113356-7	0337435	Granted	METHOD AND APPARATUS FOR SEVERING
020127	2	BR	07/15/1992	04/20/1997	PL-9202881-4	FI 9202881	Granted	METHOD AND APPARATUS FOR SEVERING
020127	2	DE	08/05/1992	11/15/1993	92113356-7	0337435	Granted	METHOD AND APPARATUS FOR SEVERING
020127	2	CA	08/12/1992	04/22/1997	2071184	2071184	Granted	METHOD AND APPARATUS FOR SEVERING
020127	2	BE	08/05/1992	11/15/1993	92113356-7	0337435	Granted	METHOD AND APPARATUS FOR SEVERING
020127	1	US	04/15/1991	08/06/1992	775881	5145449	Granted	METHOD AND APPARATUS FOR SEVERING
020130	1	JP	04/15/1992	12/22/1992	888431	5173074	Granted	METHOD AND APPARATUS FOR SEVERING
020130	1	AT	12/24/1992	10/03/1998	05-312450	2868156	Granted	CELLULOSE FOOD CASING METHOD AND
020130	1	CH	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	1	GB	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	1	BE	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	1	FR	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	1	DE	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	1	FI	12/24/1992	01/28/1997	93901268-8	0377790	Pending	CELLULOSE FOOD CASING METHOD AND
020130	1	FI	12/24/1992	01/28/1997	93901268-8	0377790	Pending	CELLULOSE FOOD CASING METHOD AND
020130	2	US	01/06/1994	09/19/1995	08178418	5451364	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	NL	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	LU	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	EP	12/24/1992	01/28/1997	93901268-8	0377790	Granted	CELLULOSE FOOD CASING METHOD AND
020130	3	GR	12/23/1994	10/16/2002	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	3	FR	12/23/1994	10/16/2002	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	3	BE	12/23/1994	10/16/2002	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	DE	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	FR	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	EP	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	AT	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	EP	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	AT	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	EP	12/05/1994	08/02/2000	94308829-3	0892194	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	US	08/04/1995	08/19/1997	08424709	5688524	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	US	08/04/1995	08/19/1997	08424709	5688524	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	US	08/04/1995	08/19/1997	08424709	5688524	Granted	CELLULOSE FOOD CASING METHOD AND

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020130	1	EP	12/23/1994	10/18/2002	94309829.3	0492154	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	EP	12/23/1994	07/12/2000	94309829.3	0662283	Granted	CELLULOSE FOOD CASING METHOD AND
020130		US	01/17/1992	01/11/1994	0122504	5777457	Granted	CELLULOSE FOOD CASING METHOD AND
020130		AU	12/21/1992	02/15/1993	3321953	854080	Granted	CELLULOSE FOOD CASING METHOD AND
020130		DK	12/21/1992	01/28/1997	93801268.8	0577750	Granted	CELLULOSE FOOD CASING METHOD AND
020130		MX	01/15/1993	12/09/1997	930227	117386	Granted	CELLULOSE FOOD CASING METHOD AND
020130	3	US	07/15/1994	08/03/1996	215889	011592	Granted	CELLULOSE FOOD CASING METHOD AND
020130		CA	12/21/1992	07/08/1999	2058143	2058143	Granted	CELLULOSE FOOD CASING METHOD AND
020130	4	US	03/28/1995	01/28/1997	08412677	557557	Granted	CELLULOSE FOOD CASING METHOD AND
020130	2	BE	12/05/1994	07/12/2000	94309829.3	0492283	Granted	CELLULOSE FOOD CASING METHOD AND
020133		JP	03/24/1993	02/13/1997	923087876	2606781	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		IT	03/26/1993	08/12/1996	93302345.9	0565282	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		DE	03/26/1993	08/12/1996	93302345.9	0565282	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		AT	03/26/1993	08/12/1996	93302345.9	0565282	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		MX	03/29/1993	12/08/1996	93301758	183481	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		CA	03/24/1993	07/09/1996	2092328	2092328	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		US	03/30/1992	07/12/1994	655783	5318733	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133	1	US	02/15/1994	03/21/1995	198722	5389473	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020133		FR	03/26/1993	08/12/1996	93302345.9	0565282	Granted	SHIRRED FIBROUS CASING ARTICLE AND
020137		US	09/23/1992	12/16/1997	949228	5698279	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		DE	09/22/1993	08/17/1998	93115271.4	0531815.3	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		NL	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		MX	09/22/1993	10/18/1999	9305818	193728	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		IT	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		CH	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		IE	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		AU	09/22/1993	08/27/1998	4750193	569926	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		AR	09/22/1993	07/15/1997	326066	250834	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		BR	09/20/1993	09/05/2000	PI-9303133-0	PI-9303133-0	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		CA	08/18/1993	05/11/1999	210444	210444	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		GB	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		SE	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		ES	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		PT	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		LU	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		GR	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		BE	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		AT	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		DK	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		FR	09/22/1993	08/17/1998	93115271.4	0589431	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020137		BR	08/20/1993	09/05/2000	PI-9303133-0	PI-9303133-0	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	A	EP	08/22/1993	07/18/1997	93115289.0	0589436	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138		US	09/23/1992	08/27/1996	046552	5548843	Granted	HEAT SHRINKABLE NYLON FOOD CASIN

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020138	IT		09/22/1993	07/16/1997	93115288.8	0389438	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	MX		09/22/1993	12/01/1997	9335817	1874241	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	NZ		09/22/1993		248545		Pending	HEAT SHRINKABLE NYLON FOOD CASIN
020138	EP		09/22/1993	07/16/1998	93115288.8	0389438	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	AR		11/02/1993	08/23/1998	328470	2531391	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	CA		08/18/1993	08/23/1998	2104442	2104442	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	ES		09/22/1993	07/16/1997	93115288.8	2105028	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	GB		09/22/1993	07/16/1997	93115288.8	0389438	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	AU		09/22/1993	11/05/1995	4748993	3643008	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	DE		09/22/1993	07/16/1997	93115288.8	89212188.8	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	FR		09/22/1993	07/16/1997	93115288.8	0389438	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020138	BE		09/22/1993	07/16/1997	93115288.8	0389438	Granted	HEAT SHRINKABLE NYLON FOOD CASIN
020143	MX		08/18/1993	12/17/1998	93115288.8	183597	Granted	END CLOSURES FOR SHIRRED CASING S
020143	JP		08/18/1993	05/09/1997	82-163809	2646328	Granted	END CLOSURES FOR SHIRRED CASING S
020143	US		08/20/1993	08/24/1993	9322330	5238443	Granted	END CLOSURES FOR SHIRRED CASING S
020143	FR		08/18/1993	05/29/1996	93113221.1	0563760	Granted	END CLOSURES FOR SHIRRED CASING S
020143	BE		08/18/1993	05/29/1996	93113221.1	0563760	Granted	END CLOSURES FOR SHIRRED CASING S
020143	CA		04/14/1993	01/18/1996	2093390	2093390	Granted	END CLOSURES FOR SHIRRED CASING S
020143	BR		08/12/1993	08/23/1998	93113221.1	019303188.4	Granted	END CLOSURES FOR SHIRRED CASING S
020143	ES		08/18/1993	05/29/1996	93113221.1	832087824	Granted	END CLOSURES FOR SHIRRED CASING S
020143	DE		08/18/1993	05/29/1996	93113221.1	89302888	Granted	END CLOSURES FOR SHIRRED CASING S
020149	GB		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	DE		11/17/1995	10/10/2001	95118159.3	8952311540	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	CA		08/23/1995		2155765		Pending	A COMPOUND FIBROUS DOPE COMPOSITI
020149	JP		11/16/1995	08/25/2000	07-321271	3103756	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	BE		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	DK		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	FR		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	BR		10/05/1995		95118159.3		Pending	A COMPOUND FIBROUS DOPE COMPOSITI
020149	MX		11/16/1995	07/27/1998	954787	192773	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	IT		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	NL		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	US		04/15/1996	04/26/1998	632051	5744251	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	CH		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	AT		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	LI		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	AU		11/17/1995	11/17/1995	955724	888228	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	FI		11/17/1995		955373		Pending	A COMPOUND FIBROUS DOPE COMPOSITI
020149	SE		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	LU		11/17/1995	10/10/2001	95118159.3	0712889	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020149	US		11/17/1995	02/18/1997	52247	5603864	Granted	A COMPOUND FIBROUS DOPE COMPOSITI
020151	MX		03/11/1994	11/07/1997	941619	186934	Granted	PACKAGE OF SHIRRED FOOD CASING AN
020151	BR		03/11/1994	11/24/1998	94061124.4	918461124.4	Granted	PACKAGE OF SHIRRED FOOD CASING AN

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(PATENTS / APPLICATIONS)

CASE NUMBER	SUB	COUN	FILE DATE	ISS DATE	APPL NUMBER	PAT NUMBER	STATUS	TITLE
020183	IT		08/13/1999		99306405-4		Pending	METHOD FOR REMOVING CELLULOSIC C
020183	FR		08/13/1999		99306405-4		Pending	METHOD FOR REMOVING CELLULOSIC C
020193	ES		08/13/1999		99306405-4		Pending	METHOD FOR REMOVING CELLULOSIC C
020193	NL		08/13/1999		99306405-4		Pending	METHOD FOR REMOVING CELLULOSIC C
020193	CA		04/28/1999		2270297		Pending	METHOD FOR THE NON CONTACT PRINT
020185	US		10/13/1998	03/13/2001	09168980	6200510 B1	Granted	METHOD FOR THE NON CONTACT PRINT
020187	US		04/22/1999	07/24/2001	09296248	4244874	Granted	METHOD OF CONTROLLING THE DIAMET
020187	CA		03/21/1999		2282927		Pending	METHOD OF CONTROLLING THE DIAMET
020204	CA		02/21/2000		2289191		Pending	Method for extruding tubular film
020204	GB		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	US		08/27/1998	11/20/2000	09284406	6319457	Granted	Method for extruding tubular film
020204	AT		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	DE		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	BE		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	FR		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	FI		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	ES		04/18/2000	09/04/2002	00303270.3	1078730	Granted	Method for extruding tubular film
020204	CA		05/18/2000		2308906		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	GB		07/14/2000		003059623		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	BE		07/14/2000		003059623		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	FI		07/14/2000		003059623		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	FR		07/14/2000		003059623		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	US		10/16/1999		09419333		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	DE		07/14/2000		003059623		Pending	CELLULOSE FOOD CASING, CELLULOSE
020202	ES		07/14/2000		003059623		Pending	CELLULOSE FOOD CASING, CELLULOSE
020203	CA		06/07/2000		2310946		Pending	METHOD OF IMPROVING THE REWET SHR
020203	ES		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020203	US		11/17/1999		09444517		Pending	METHOD OF IMPROVING THE REWET SHR
020203	AT		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020203	MX		09/21/2000		0009263		Pending	METHOD OF IMPROVING THE REWET SHR
020203	BE		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020203	FI		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020203	GB		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020203	DE		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020203	FR		07/14/2000		00306019.1		Pending	METHOD OF IMPROVING THE REWET SHR
020206	GB		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN
020206	AT		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN
020206	FI		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN
020206	DE		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN
020206	FR		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN
020206	BE		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN
020206	AT		05/02/2001		01304018.3		Pending	MANDREL STRUCTURE FOR USE IN MAN

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(PATENTS / APPLICATIONS)

CASE NUMBER	SUB	COUN	FIL DATE	ISS DATE	APPL NUMBER	PAT NUMBER	STATUS	TITLE
020151		JP	03/10/1994	04/05/2002	06-085457	3295219	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151	1	US	03/11/1994	01/17/1995	208128	5384180	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		GB	02/25/1994	07/22/1998	94301356.5	614610	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		NL	02/25/1994	07/22/1998	94301356.5	614610	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		FR	02/25/1994	07/22/1998	94301356.5	614610	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		ES	02/25/1994	07/22/1998	94301356.5	614610	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		BE	02/25/1994	07/22/1998	94301356.5	614610	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		US	03/11/1994	01/17/1995	030823	5381843	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		PH	03/11/1994	08/16/1997	479312	30652	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151	1	CA	05/16/1994	01/21/1997	2123855	2123855	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		DE	02/25/1994	07/22/1998	94301356.5	614610	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020151		CA	02/25/1994	09/23/1997	2116189	2116189	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020154	1	US	02/22/1999	11/07/2000	09255,006	6143344	Granted	SELF-COLORING CASING WITH A BETTER
020154		ES	09/21/1994	08/19/1996	79401993	2076904	Granted	SELF-COLORING CASING WITH A BETTER
020154		US	03/21/1993	09/24/1998	064124063	5955126	Granted	SELF-COLORING CASING WITH A BETTER
020154		BR	09/20/1994	10/18/1994	112327	5386007	Pending	SELF-COLORING CASING WITH A BETTER
020154		CL	09/20/1994	12/21/1998	9401360	39,828	Granted	SELF-COLORING CASING WITH A BETTER
020156		DE	08/15/1994	10/21/1998	94306008.7	69414059	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		BE	08/15/1994	10/21/1998	94306008.7	6941725	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		ES	08/15/1994	10/21/1998	94306008.7	6941725	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020159		FR	08/15/1994	10/21/1998	94306008.7	6941725	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		GB	08/15/1994	10/21/1998	94306008.7	6941725	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		US	08/27/1993	10/18/1994	112327	5386007	Pending	PACKAGE OF SHRIRRED FOOD CASING AN
020156		JP	08/18/1994	11/18/1998	94-215244	2127955	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		CA	07/13/1994	11/18/1998	2127955	187485	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		MX	08/26/1994	12/15/1997	946827	6641725	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020156		NL	08/15/1994	10/21/1998	94306008.7	6941725	Granted	PACKAGE OF SHRIRRED FOOD CASING AN
020158		BR	08/26/1994	11/24/1998	19403342-9	719503342-9	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		DE	01/10/1995	03/25/1998	95100261.7	69501843	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		ES	01/10/1995	03/25/1998	95100261.7	211423373	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		GB	01/10/1995	03/25/1998	95100261.7	6975043	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		AU	01/09/1995	08/11/1997	1005055	877498	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		BR	03/10/1995	08/01/2000	195500000-7	719500000-7	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		MX	01/10/1995	10/04/1997	95-50384	188322	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		CA	11/16/1994	11/24/1998	2135943	2135943	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		FR	01/10/1995	03/25/1998	95100261.7	6975043	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		US	03/28/1994	02/21/1995	2135984	5381108	Granted	METHOD AND APPARATUS FOR PACKAGI
020162		BE	01/10/1995	03/25/1998	95100261.7	6975043	Granted	METHOD AND APPARATUS FOR PACKAGI
020163		FR	08/07/1995	11/04/1998	95112413-0	6956542	Granted	PERFORATED PACKAGING FOR FOOD CA
020163		CA	07/21/1995	10/17/2000	2153713	2153713	Granted	PERFORATED PACKAGING FOR FOOD CA
020163		ES	08/07/1995	11/04/1998	95112413-0	6956542	Granted	PERFORATED PACKAGING FOR FOOD CA
020163		DE	08/07/1995	11/04/1998	95112413-0	6956542	Granted	PERFORATED PACKAGING FOR FOOD CA
020163		BE	08/07/1995	11/04/1998	95112413-0	6956542	Granted	PERFORATED PACKAGING FOR FOOD CA

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CASE NUMBER	SUB	COUN	FIL DATE	ISS DATE	APP NUMBER	PAT NUMBER	STATUS	TITLE
020206		MX	07/18/2001		2001005024		Pending	MANDREL STRUCTURE FOR USE IN MAN
020208		CA	04/28/2001		2345183		Pending	MANDREL STRUCTURE FOR USE IN MAN
020208		AU	03/18/2001		4611001		Pending	MANDREL STRUCTURE FOR USE IN MAN
020208		US	05/19/2000		000312002	009574209	Granted	MANDREL STRUCTURE FOR USE IN MAN
020213		ES	03/02/2001		01304018.3	8444161	Pending	MANDREL STRUCTURE FOR USE IN MAN
020214		US	05/28/2002		00303107		Pending	FOOD PROCESSING AND PACKAGING FIL
020214		MX	10/03/2001		2001009994		Pending	METHOD AND APPARATUS FOR USE IN M
020214		IE	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020214		ES	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020214		AU	10/03/2001		7731801		Pending	METHOD AND APPARATUS FOR USE IN M
020214		DE	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020214		FR	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020214		AT	10/02/2001		00971248		Pending	METHOD AND APPARATUS FOR USE IN M
020214		US	10/04/2001		2339016		Pending	METHOD AND APPARATUS FOR USE IN M
020214		CA	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020214		GB	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020214		BE	10/02/2001		01308396.9		Pending	METHOD AND APPARATUS FOR USE IN M
020215		US	10/16/2000		00008556		Pending	FOOD CASING
020216		CA	04/05/2002		2380778		Pending	SELF-COLORING RED SMOKED CASING
020216		US	03/22/2002		101102724		Pending	SELF-COLORING RED SMOKED CASING
020218		CA	03/21/2002		2376040		Pending	PROCESSING WRAP CONTAINING COLOR
020218		US	03/06/2002		10090833		Pending	PROCESSING WRAP CONTAINING COLOR
020219		US	05/10/2002		101142160		Pending	NYLON FOOD CASING HAVING A BARRIER
020219		CA	05/30/2002		2386687		Pending	NYLON FOOD CASING HAVING A BARRIER
020219		MX	06/18/2002		2002006032		Pending	NYLON FOOD CASING HAVING A BARRIER
020220		US	05/08/2002		00277955		Pending	PROCESS FOR IMPROVING SMOKEY COLO

* - Licensed to third party(ies).

<u>Patent Title</u>	<u>Patent No.</u>	<u>Issue Date</u>
Food Casing Package And Method Of Preparing	6,279,737	08/28/01
Method For Removing Cellulosic Casings From Sausages	6,132,779	10/17/00
Method And Apparatus For Forming A Cellulose Article Including Solvent Recovery Means	6,096,258	08/01/00
Noncircular Fiber Battery Separator And Method	6,051,335	04/18/00
Edible Film And Method	5,962,053	10/05/99
Reduced Curl Battery Separator And Method	5,942,354	08/24/99
Method Of Making A Cellulose Food Casing Including Solvent Recovery	5,942,167	08/24/99
Cellulose Food Casing Manufacturing Method	5,766,540	06/16/98
Mandrel Structure For Use In Manufacture Of Cellulose Food Casing	5,759,478	06/02/98
Fibrous Composite Cellulosic Film And Method	5,747,125	05/05/98
Long Life Battery Separator	5,700,600	12/23/97
Method Of Preparing A Food Product Encased In A Glucomannan Film	5,695,800	12/09/97
Cellulose Food Casing Manufacturing Method	5,658,525	08/19/97

<u>Patent Title</u>	<u>Patent No.</u>	<u>Issue Date</u>
Production of High Tenacity Low Shrink Polyester Fiber	5,277,858	01/11/97
Method For External Liquid Smoke Treatment Of Cellulosic Food Casings	4,933,217	06/12/90

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