

04-21-2006

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

R



103223447

To the Director of the U.S. Patent and Trademark Office: Please record the documents or the new address(es) below.

1. Name of conveying party(ies)
Delaware Capital Formation, Inc.

2. Name and address of receiving party(ies)
Name: Clove Park Insurance Company

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/31/2005

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: 280 Park Avenue, Floor 34W

City: New York

State: NY

Country: United States Zip: 10017

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
Please see attached sheet

B. Patent No.(s)
Please see attached sheet

Additional numbers attached? ☒ Yes ☐ NO

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

Name: Baker & McKenzie LLP

Internal Address: _____

Street Address: _____

1114 Avenue of the Americas

City: New York

State: NY Zip: 10036

Phone Number: 212 626 4100

Fax Number: 212 310 1600

Email Address: nycipd@bakernet.com

6. Total number of applications and patents involved: 83

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 3,320.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 02-0393

Authorized User Name Baker & McKenzie LLP

9. Signature: _____

April 12, 2006

Signature

Date

James David Jacobs

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

18

04/20/2006 NJP/MI

00000021 020393 11151669

01 FC:8021

3320.00 DA

List of Patent and Patent Appln. Nos. for Assignment from
Delaware Capital Formation, Inc. to Clove Park Insurance Company

Patent Application Nos.:

11/151,669
10/951,578
10/952,421
10/725,109
11/034,378
60/688,802
08/877,596
09/141,972
11/042,780
11/256,809
10/326,363
11/131,002
11/229,925
11/234,494
07/776,796
60/702,168
10/753,790
11/151,670
11/176,733
11/187,205
10/738,547
11/166,749
10/969,717
29/195,602
29/195,607
29/195,605
11/079,404
60/698,568
11/034,376
11/262,600
10/729,282
60/542,991

Patent Nos.:

5,203,760	6,637,075
5,203,542	6,823,564
5,203,759	4,847,952
4,938,002	6,920,738
5,238,444	4,847,953
5,586,424	4,887,332
5,570,561	6,695,364
5,679,247	
5,735,483	
5,916,019	
5,209,041	
5,269,054	
5,495,701	
6,845,596	
5,042,234	
5,020,298	
5,471,815	
5,644,896	
5,259,168	
4,821,485	
5,885,150	
5,161,347	
6,729,102	
6,945,010	
5,269,116	
5,466,184	
5,181,302	
6,524,178	
5,085,036	
5,187,852	
6,401,885	
5,165,216	
5,167,567	
6,325,347	
6,520,487	
6,039,002	
D 508,931	
D 505,436	
6,845,577	
5,782,056	
6,604,338	
4,766,713	
5,109,648	
6,718,598	

PATENT ASSIGNMENT

WHEREAS, DELAWARE CAPITAL FORMATION, INC., a Delaware corporation with offices at 1403 Foulk Road, Suite 102, Wilmington, DE 19803-2755 (hereinafter, "Assignor"), is the owner of the entire right, title and interest in and to the inventions and associated pending patent applications and issued letters patent in the United States and other jurisdictions which are set forth on Schedule A attached hereto and made apart hereof (the "Patents"); and

WHEREAS, CLOVE PARK INSURANCE COMPANY, a New York corporation, with offices at 280 Park Avenue, Floor 34W, New York, NY 10017 (hereinafter, "Assignee"), is desirous of acquiring the entire right, title and interest in, to and under said Patents; and

WHEREAS, Assignee is a subsidiary of Assignor, and Assignor is desirous of contributing all right, title and interest in and to the Patents to Assignee;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that Assignor hereby assigns, transfers and sets over to Assignee the entire right, title and interest in and to the Patents and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on any of said inventions; and in and to all rights of priority resulting from the Patents; agree that said Assignee may apply for and receive Letters Patent for any of said inventions in its own name, and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, Assignor will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any of said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to Assignor relating to any of said inventions and the history thereof; and

generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and the Patents and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, Assignor has executed this assignment and Assignee has acknowledged and agreed to the assignment by their duly authorized officers as of this 31st day of December, 2005.

DELAWARE CAPITAL FORMATION, INC. CLOVE PARK INSURANCE COMPANY

By: 
Name: Amy Ward
Title: President

By: _____
Name: George Pompetzki
Title: Vice President

generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and the Patents and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives.

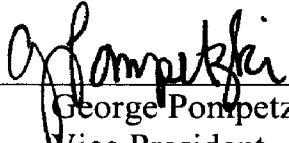
IN WITNESS WHEREOF, Assignor has executed this assignment and Assignee has acknowledged and agreed to the assignment by their duly authorized officers as of this 31st day of December, 2005.

DELAWARE CAPITAL FORMATION, INC. CLOVE PARK INSURANCE COMPANY

By: _____

Name: Amy Ward
Title: President

By: _____


Name: George Pompetzki
Title: Vice President

Schedule A

CDMS/970043.1

PATENT
REEL: 017766 FRAME: 0586

Patents

(previously licensed to Tipper Tie)

COUNTRY	PATENT	DATE	APP. NO.	APP. DATE	DESCRIPTION
Argentina	243730	9/30/1993	315067	9/29/1989	A SAUSAGE MAKING MACHINE THAT ENCLOSES THE FILLING INTO A SKIN, FOR MAKING SAUSAGE-TYPE PRODUCTS.
Argentina	253991	2/25/2000	330770		Apparatus for packaging fowl and other products
Argentina	248469	4/12/1996	319.069	2/15/1991	Improved mechanism for control of gathering plates for a double clipper
Argentina			030101993	6/4/2003	Plastic Clip Construction
Australia	676796	3/20/1997	9516866	1/18/1995	An apparatus for packaging fowl and other products (English)
Australia	2003293210	6/30/2004	20032003293210	11/26/2003	CLIPPING MECHANISM PISTON ACTUATOR (English)
Australia	618649	1/2/1992	8946431	11/9/1989	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
Australia	2003235664	7/30/2003	20032003235664	1/10/2003	DEVICE FOR DEFINING A HANDLE IN A TUBULAR COVERING FOR A FOOD PRODUCT (English)
Australia	629882	10/15/1992	8946679	11/13/1989	HIGH SPEED CONTACT SEALER (English)
Australia	644633	12/16/1993	9173196	1/30/1991	IMPROVED MECHANISM FOR CONTROL OF GATHERING PLATES FOR A DOUBLE CLIPPER APPARATUS (English)
Australia	9066863	3/14/1991	9066863	11/22/1990	Improved packaging device including dual clip attachment apparatus, a casing brake mechanism
Australia	704000	4/1/1999	9677337	11/14/1996	MECHANISM FOR FEEDING A STRING LOOP INTO A CLIP ATTACHMENT APPARATUS (English)
Australia	759095	4/3/2003	9964103	10/1/1999	PACKAGING DEVICE FOR ATTACHMENT OF CLIPS TO A CONTINUOUSLY MOVING TUBE OF CASING (English)
Australia	2002368015	12/22/2003	20022002368015	11/21/2002	PLASTIC CLIP CONSTRUCTION (English)
Brazil	9506630	9/16/1997	95U6630	1/18/1995	Aparelho de acondicionamento para o acondicionamento de ave domestica e aparelho de acondicionamento para acondicionar produto de ave domestica (Portugese)
Canada	2483577	4/3/2005	2483577	10/1/2004	AUTOMATED CLIPPING PACKAGE APPARATUS AND ASSOCIATED DEVICES, METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS APPAREIL D'EMBALLAGE ET AGRAFAGE AUTOMATISES ET DISPOSITIFS, METHODES, SYSTEMES ET PRODUITS PROGRAMMES CONNEXES (English#French)
Canada	2483416	4/3/2005	2483416	10/1/2004	AUTOMATED CLIPPING PACKAGING APPARATUS AND ASSOCIATED DEVICES, METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS APPAREIL D'EMBALLAGE ET AGRAFAGE AUTOMATISES ET DISPOSITIFS, METHODES, SYSTEMES ET PRODUITS PROGRAMMES CONNEXES (English#French)

COUNTRY	PATENT #	PATENT DATE	APPL #	APPL DATE	INVENTION
Canada	2466782	12/12/2004	2466782	5/11/2004	AUTOMATIC NETTING PACKAGING MACHINE MACHINE D'EMBALLAGE AUTOMATIQUE DANS UN FILET (English#French)
Canada	1295228	2/4/1992	579457	10/6/1988	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English#French)
Canada	2002889	1/7/1997	2002889	11/14/1989	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English#French)
Canada	2471526	7/24/2003	2471526	1/10/2003	DEVICE FOR DEFINING A HANDLE IN A TUBULAR COVERING FOR A FOOD PRODUCT DISPOSITIF PERMETTANT DE DEFINIR UNE POIGNEE DANS UNE ENVELOPPE TUBULAIRE DESTINEE A UN PRODUIT ALEMENTAIRE (English#French)
Canada	2002894	2/24/1998	2002894	11/14/1989	HIGH SPEED CONTACT SEALER THERMOSCELLEUSE HAUTE VITESSE (English#French)
Canada	2237906	5/13/2003	2237906	11/14/1996	MECHANISM FOR FEEDING A STRING LOOP INTO A CLIP ATTACHMENT APPARATUS (English#French)
Canada	2481720	3/22/2005	2481720	9/15/2004	MECHANISM FOR FEEDING LOOPS INTO A CLIP ATTACHMENT APPARATUS MECANISME D'ALIMENTATION DE BOUCLES DANS UN APPAREIL D'ATTACHE A PINCES (English#French)
Canada	2454816	4/3/2005	2454816	12/31/2003	NETTING CHUTES FOR MANUAL AND/OR AUTOMATED CLIPPING PACKAGING APPARATUS CHUTES EN FILET POUR MACHINES DE COUPE ET D'EMBALLAGE MANUELLES ET/OU AUTOMATISEES (English#French)
Canada	2454814	4/3/2005	2454814	12/31/2003	NETTING CHUTES WITH RIBBED FLOORING FOR MANUAL AND/OR AUTOMATED CLIPPING PACKAGING APPARATUS FILETS D'EVACUATION AVEC PLANCHER CANNELE POUR EMBALLEUSE A COUPURE AUTOMATISEE (English#French)
Canada			105412	12/24/2003	Netting Product Chute for Automatic and/or Manual Packaging Operations
Canada			105416	12/24/2003	Netting Product Chute for Automatic and/or Manual Packaging Operations
Canada			105413	12/24/2003	Netting Product Chute for Automatic and/or Manual Packaging Operations
Canada			105415	12/24/2003	Netting Product Chute with Ribbed Floor for Automatic and/or Manual Packaging Operations
Canada			105414	12/24/2003	Netting Product Chute with Ribbed Floor for Automatic and/or Manual Packaging Operations
Canada	2344661	4/13/2000	2344661	10/1/1999	PACKAGING DEVICE FOR ATTACHMENT OF CLIPS TO A CONTINUOUSLY MOVING TUBE OF CASING (English#French)
Denmark	9001694	7/16/2001	1694/90	11/13/1989	1 HOEJHASTIGHEDSKONTAKTFORSEGLING SAPPARAT (Danish)

COUNTRY	PATENT	PATENT DATE	APPL	APPL DATE	DESCRIPTION
Denmark	173713	7/16/2001	901694	7/13/1990	APPARAT TUK FREMSTILLING AF EN LAENGDE AF LUKKET FOLIEPRODUKT AF FLEKSIBEL, PLAN FOLIE (Danish)
Denmark	9001695	8/24/1990	901695	7/13/1990	Manually operated clip attachment apparatus with movable gate and die
European	642408	7/15/1998	93911130	5/12/1993	APPARATUS FOR ADJUSTMENT OF THE SPACING OF FILM DRIVE ASSEMBLIES IN A TUBULAR FILM FORMING DEVICE (English#French#German)
European	621186	3/17/1999	94108918	11/9/1989	DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English#French#German)
European	396737	9/14/1994	90901162	11/13/1989	HIGH SPEED CONTACT SEALER. (English#French#German)
European	0404894	1/2/1991	89913195	11/9/1989	Improved casing brake construction
European	880322	3/20/2002	96940458	11/14/1996	MECHANISM FOR FEEDING A STRING LOOP INTO A CLIP ATTACHMENT APPARATUS (English#French#German)
European			PCT/US99/22921	10/1/1999	Packaging Device For Attachment of Clips To A Continuously Moving Tube of Casing
European	1117594	8/17/2005	99951719	10/1/1999	PACKAGING DEVICE FOR ATTACHMENT OF CLIPS TO A CONTINUOUSLY MOVING TUBE OF CASING (English#French#German)
European	1117594	8/17/2005	99951719	10/1/1999	PACKAGING DEVICE FOR ATTACHMENT OF CLIPS TO A CONTINUOUSLY MOVING TUBE OF CASING (English#French#German)
European	352825	10/13/1993	89118241	7/22/1988	PACKAGING DEVICE USING TUBULAR CASING (English#French#German)
European	644825	3/29/1995	93913929	5/14/1993	VACUUM ADVANCE SYSTEM FOR HIGH SPEED CONTACT SEALER FOR FORMING A FLAT FILM INTO A TUBE. (English#French#German)
France	737150				An Apparatus for Packaging Fowl and Other Products
France	396723	5/17/1995	9913006.6	11/9/1989	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT.
France	396737	9/14/1994	901162.9	11/13/1989	High speed contact sealer
France	0521872				Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus
France	880322				Mechanism for feeding a string loop into a clip attachment apparatus
Germany	4234467	4/22/1993	234467	10/13/1992	EINRICHTUNG ZUR ZUFUEHRUNG EINER SCHNURSCHLINGE ZUR BEFESTIGUNG AN EINER WURSTHUELLE (German)
Germany	918628.6	9/14/1994	396737	11/13/1989	High speed contact sealer
Germany	68918268	2/2/1995	68918268	11/13/1989	HOCHGESCHWINDIGKEITS-KONTAKTSCHWEISSGERAET. (German)
Germany	69309672	10/2/1997	69309672	5/13/1993	KLAMMERBEFESTIGUNGSVORRICHTUNG (German)
Germany	69312293	1/15/1998	69312293	5/14/1993	VAKUUMSYSTEM FUER HOCHGESCHWINDIGKEITSKONTAKTSCHWEISSGERAET ZUM HERSTELLEN EINES ROHRES AUS EINER FLACHFOLIE (German)

COUNTRY	PATENT #	PATENT DATE	APPL #	APPL DATE	DESCRIPTION
Germany	69109477	9/7/1995	69109477	1/30/1991	VERBESSERTE VORRICHTUNG ZUM KONTROLLIEREN DER VERENGUNGSPLATTEN EINER KLEMMVORRICHTUNG. (German)
Germany	69507012	6/10/1999	69507012	1/18/1995	VORRICHTUNG ZUM VERPACKEN VON GEFLUEGEL UND ANDEREN GEGENSTAENDEN (German)
Germany	69319730	11/12/1998	69319730.7-08	5/12/1993	VORRICHTUNG ZUM VERSTELLEN VON ANTRIEBSAGGREGATEN FUER FOLIEN IN EINER SCHLAUCHFOLIENHERSTELLUNGSMASCHINE (German)
Germany	69620034	8/29/2002	69620034	11/14/1996	VORRICHTUNG ZUR UEBERGABE VON AUFHAENGESCHLAUFEN IN EINER CLIPPINGSMASCHINE (German)
Italy	396737	9/14/1994	901162.9	11/13/1989	High speed contact sealer
Italy	0521872				Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus
Italy	880322				Mechanism for feeding a string loop into a clip attachment apparatus
Japan	3317969	8/26/2002	94503743	5/13/1993	Clip attachment apparatus
Japan	3503518	8/8/1991	90500411	11/9/1989	Continuously rotating circular platform with multiple mounted double clippers
Japan	2820528	11/5/1998	89501222	11/13/1989	High speed contact sealer
Japan	3502318	5/30/1991	90500400	11/9/1989	Improved Casing Brake Construction
Japan	3502317	5/30/1991	88509581	11/14/1988	Manually operated clip attachment apparatus with movable gate and die
Japan	8500782	1/30/1996	93503643	5/12/1993	Apparatus for adjustment of the spacing of film drive assemblies in a tubular film forming device
Japan	8500798	1/30/1996	94503743	5/13/1993	Clip attachment apparatus
Japan	3502319	5/30/1991	90501222	11/13/1989	High speed contact sealer
Japan	2002526092	8/20/2002	2000574417	10/1/1999	Packaging Device For Attachment Of Clips To A Continuously Moving Tube of Casing
Luxembourg	0521872				Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus
Mexico	195776	3/30/2000	96-02803	1/18/1995	Apparatus for packaging fowl and other products
Mexico			2004/009668	10/1/2004	Automated Clipping Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program
Mexico			2004/009669	10/1/2004	Automated Clipping Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program Products
Mexico			PA/A/2004/006714	1/10/2003	Device for Defining a Handle in a Tubular Covering for a Food Product (abandoned)
Mexico			2004000302	1/12/2004	Netting Chutes for Manual and/or Automated Clipping Packaging Apparatus
Mexico			2004000300	1/12/2004	Netting Chutes with Ribbed Flooring for Manual and/or Automated Clipping Packaging Apparatus
Mexico			2004000006	1/7/2004	Netting Product Chute for Automatic and/or Manual Packaging Operations
Mexico			2004000010	1/7/2004	Netting Product Chute for Automatic and/or Manual Packaging Operations
Mexico			2004000007	1/7/2004	Netting Product Chute for Automatic and/or Manual Packaging Operations

COUNTRY	PATENT #	PATENT DATE	APPL #	APPL DATE	TITLE
Mexico			2004000008	1/7/2004	Netting Product Chute with Ribbed Floor for Automatic and/or Manual Packaging Operations
Mexico			2004000009	1/7/2004	Netting Product Chute with Ribbed Floor for Automatic and/or Manual Packaging Operations
Mexico			PCT/US99/22921	10/1/1999	Packaging Device For Attachment Of Clips To A Continuously Moving Tube of Casing
Netherlands	396737	9/14/1994	901162.9	11/13/1989	High speed contact sealer
Netherlands	0521872				Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus
Netherlands	880322				Mechanism for feeding a string loop into a clip attachment apparatus
Portugal	7833	9/28/1990	7833	12/2/1986	GRAMPO COM SECCAO TRANSVERSAL EM FORMA DE T INVERTIDO (English#French#German#Portugese)
Spain	737150		737150	10/16/1996	An Apparatus for Packaging Fowl and Other Products
Spain	2020034	7/16/1991	8903843	11/13/1989	APARATO MEJORADO Y UN METODO PARA FABRICAR UN TROZO DE PRODUCTO PELICULAR CERRADO Y UN SOLDADOR POR CALOR Y CORREAS DE TRANSMISION CORRESPONDIENTES. (Spanish)
Spain	2017340	1/16/1991	8903842	11/13/1989	CONSTRUCCION MEJORADA DE FRENO DE ENVOLTURA, DESTINADO A UN DISPOSITIVO PARA PREPARAR EMBUCHADOS TUBULARES RELLENOS. (Spanish)
Spain	2029716	9/1/1992	88306741	7/22/1988	DISPOSITIVO DE ENVASADO QUE UTILIZA ENVOLTURA TUBULAR. (Spanish)
Spain	2048891	4/1/1994	90110323	7/22/1988	DISPOSITIVO DE ENVASADO QUE UTILIZA ENVOLTURA TUBULAR. (Spanish)
Spain	2046424	2/1/1994	89118241	7/22/1988	DISPOSITIVO DE ENVASADO QUE UTILIZA ENVOLTURA TUBULAR. (Spanish)
Spain	301768	1/22/1992	88306741.	7/22/1988	Improved packaging device including dual clip attachment apparatus, a casing brake mechanism
Spain	2071987	7/1/1995	91904439	1/30/1991	MECANISMO PERFECCIONADO PARA EL CONTROL DE PLACAS ACUMULADORAS PARA UN APARATO DE DOBLE PINZA. (Spanish)
Spain	2125598	3/1/1999	95908615	1/18/1995	UN APARATO PARA EMPAQUETAR AVES DE CORRAL Y OTROS PRODUCTOS. (Spanish)
Sweden	396737	9/14/1994	901162.9	11/13/1989	High speed contact sealer
Sweden	91904439		91904439		Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus.
Sweden			96940458		Mechanism for feeding a string loop into a clip attachment apparatus
Switzerland	737150				An Apparatus for Packaging Fowl and Other Products
Switzerland	396737	9/14/1994	901162.9	11/13/1989	High speed contact sealer
Switzerland	0521872				Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus

COUNTRY	PATENT #	PATENT DATE	APPL #	APPL DATE	DESCRIPTION
Taiwan	225454	12/21/2004	92102852	2/12/2003	Plastic Clip Construction
United Kingdom	396737	9/14/1994	901162.9	11/13/1989	High speed contact sealer
United Kingdom	0521872				Improved Mechanism for Control of Gathering Plates for a Double Clipper Apparatus
United Kingdom	880322				Mechanism for feeding a string loop into a clip attachment apparatus
United States	5203760	4/20/1993	884736	5/15/1992	APPARATUS FOR ADJUSTMENT OF THE SPACING OF FILM DRIVE ASSEMBLIES IN A TUBULAR FILM FORMING DEVICE (English)
United States	5203542	4/20/1993	661391	2/26/1991	APPARATUS FOR AN IMPROVED ELECTRIC FENCE WIRE CONSTRUCTION FOR USE WITH INTENSIVE GRAZING (English)
United States	5203759	4/20/1993	884511	5/15/1992	APPARATUS FOR APPLYING A FIRST TIE TO CASING MATERIAL (English)
United States	4938002	7/3/1990	270250	11/14/1988	APPARATUS FOR ATTACHMENT OF A U-SHAPED METAL CLIP ABOUT THE TAIL END OF A PACKAGE MOVING ON A HORIZONTAL CONVEYOR (English)
United States	5238444	8/24/1993	07926508	8/6/1992	APPARATUS FOR FORMING LOOPS ON A SAUSAGE SEALING MACHINE (English)
United States	5586424	12/24/1996	480524	6/7/1995	APPARATUS FOR MOVEMENT OF U-SHAPED CLIPS ALONG A RAIL (English)
United States	5570561	11/5/1996	481182	6/7/1995	Apparatus for packaging fowl and other products (English)
United States			11/151669	6/13/2005	Automated Clipping Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program Products
United States	20050039419	2/24/2005	951578	9/28/2004	Automated clipping packaging apparatus and associated devices, methods, systems and computer program products (English)
United States	20050034426	2/17/2005	952421	9/28/2004	Automated clipping packaging apparatus and associated devices, methods, systems and computer program products (English)
United States	20040250512	12/16/2004	725109	12/1/2003	Automatic netting packaging machine (English)
United States			11/034378	1/12/2005	Automatic Whole Muscle Meat and Poultry Netting Machine (<i>abandoned</i>)
United States	5679247	10/21/1997	539731	10/5/1995	BOOM NETTING MATERIAL FOR CONTAMINATION CONTAINMENT (English)
United States			60/688802	6/9/2005	Breech Loader Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program Products
United States	5735483	4/7/1998	671174	6/27/1996	CARDBOARD REEL CLIP HOLDER (English)
United States	5916019	6/29/1999	93247	6/8/1998	CASING BRAKE CONSTRUCTION FOR SAUSAGE DISCHARGE HORN (English)
United States	5209041	5/11/1993	07/817516	1/7/1992	CHUB PACKAGING MACHINE CLIPPING MECHANISM (English)
United States	5269054	12/14/1993	884597	5/15/1992	CLIP ATTACHMENT APPARATUS (English)
United States	5495701	3/5/1996	150689	11/10/1993	Clip attachment mechanism for fastening a single clip or two clips simultaneously (English)
United States			08-877596	6/17/1997	CLIP CONSTRUCTION
United States			09141972	8/17/1998	Clip Construction

COUNTRY	PATENT #	PATENT DATE	APPL #	APPL DATE	
United States	6845596	1/25/2005	725142	3/23/2004	Clipper for automatic netting packaging machine (English)
United States			11/042780	1/25/2005	Clipper for automatic netting packaging machine
United States			11/256809	10/24/2005	Clippers Configured to Operate with Elastomeric Clips, Associated Methods, Systems and Computer Program Products
United States	20040118083	6/24/2004	326363	12/19/2002	CLIPPING MECHANISM PISTON ACTUATOR (English)
United States			11/131002	5/17/2005	Clipping Packaging Apparatus and Methods
United States	5042234	8/27/1991	410333	9/20/1989	COLLAGEN FILM AND NETTING PACKAGING SYSTEM AND METHOD (English)
United States	5020298	6/4/1991	270222	11/14/1988	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
United States	5471815	12/5/1995	90396	7/12/1993	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
United States	5644896	7/8/1997	277188	7/19/1994	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
United States	5259168	11/9/1993	685900	4/12/1991	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
United States	4821485	4/18/1989	105665	10/7/1987	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
United States	5885150	3/23/1999	08/695945	8/12/1996	CONVEYOR CONSTRUCTION FOR TRANSPORTING AND FORMING TUBULAR CASING CONTAINING VISCOUS MATERIAL (English)
United States	5161347	11/10/1992	776810	10/15/1991	CUTTING DEVICE FOR PLASTIC NETTING (English)
United States			11/229925	9/19/2005	Device for defining a handle in a tubular covering for a food product
United States	6729102	5/4/2004	339910	1/10/2003	Device for defining a handle in a tubular covering for a food product (English)
United States	6945010	9/20/2005	782552	2/19/2004	Device for defining a handle in a tubular covering for a food product (English)
United States	5269116	12/14/1993	41886	4/2/1993	DEVICE FOR FEEDING A STRING LOOP FOR ATTACHMENT TO A SAUSAGE CASING (English)
United States	5466184	11/14/1995	212007	3/11/1994	DEVICE FOR REMOVING SURFACE AIR IN CASINGS (English)
United States	5181302	1/26/1993	564137	8/7/1990	DIE CONSTRUCTION FOR CLIPPER MECHANISM (English)
United States	6524178	2/25/2003	09/697841	10/27/2000	DOUBLE CLIPPING APPARATUS AND METHOD FOR FORMING CLIPPED SAUSAGES (English)
United States			11/234494	9/23/2005	Embossed Netting Chutes for Manual and/or Automated Clipping Packaging Apparatus and Related Methods
United States	5085036	4/18/2000	616694	11/21/1990	HIGH SPEED CONTACT SEALER (English)

COUNTRY	PATENT	PATENT DATE	APP. NO.	APP. DATE	DESCRIPTION
United States			07-776796	10/15/1991	Improved Device for Feeding a String Loop for Attachment to a Sausage Casing
United States	5187852	3/30/1993	776792	10/15/1991	IMPROVED METHOD FOR ATTACHING A BUNGEE CORD TO A FASTENER (English)
United States	6401885	6/11/2002	678493	10/3/2000	INTERNAL BRAKE MECHANISM FOR PLASTIC FILM FOR A PRODUCT FILLING MACHINE (English)
United States	5165216	11/24/1992	776795	10/15/1991	LOOP FORMING MECHANISM FOR FLEXIBLE PACKAGING MATERIAL (English)
United States			60/702168	7/25/2005	Low Profile Ruckers Capable of Rucking Fixed Diameter Coverings and Associated Devices, Methods, Systems and Computer Program Products
United States	5167567	12/1/1992	839010	2/14/1992	MECHANISM FOR CONTROL OF GATHERING PLATES FOR A DOUBLE CLIPPER APPARATUS (English)
United States	20050060880	3/24/2005	753790	1/8/2004	Mechanism for feeding loops into a clip attachment apparatus (English)
United States			11/151670	6/13/2005	Modular Clipping Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program Products
United States	6325347	12/4/2001	09/599233	6/22/2000	MOUNTING BRACKET ASSEMBLY FOR ELECTRIFIED TAPE (English)
United States	6520487	2/18/2003	760632	1/16/2001	MOUNTING BRACKET ASSEMBLY FOR TENSIONING OF ELECTRIFIED TAPE (English)
United States	6039002	3/21/2000	08-272771	3/19/1999	Moving head gate feeding apparatus
United States			11/176733	7/7/2005	Mussel Sock with Zipper Strip
United States			11/187205	7/22/2005	Netting Chutes for Manual and/or Automated Clipping Packaging Apparatus
United States	20050072119	4/7/2005	738547	12/17/2003	Netting chutes for manual and/or automated clipping packaging apparatus (English)
United States	20050235608	10/27/2005	11/166749	6/24/2005	Netting Chutes with Floors having Channels for Packaging Products with Clippers
United States	20050060957	3/24/2005	969717	10/20/2004	Netting chutes with ribbed flooring for manual and/or automated clipping packaging apparatus (English)
United States			29/195602	12/15/2003	Netting Product Chute for Automatic and/or Manual Packaging Operations
United States			29/195607	12/15/2003	Netting Product Chute for Automatic and/or Manual Packaging Operations
United States	D508931	8/30/2005	29/195606	12/15/2003	Netting product chute for automatic and/or manual packaging operations (English)
United States	D505436	5/24/2005	29/195630	12/15/2003	Netting Product Chute with Ribbed Floor for Automatic and/or Manual Packaging Operations
United States			29/195605	12/15/2003	Netting Product Chute with Ribbed Floor for Automatic and/or Manual Packaging Operations
United States	6845577	1/25/2005	655205	9/4/2003	Package closure and labeling construction (English)
United States	5782056	7/21/1998	904893	8/1/1997	Packaging apparatus for removing a product from a continuously moving conveyor and sealing said product in a bag with a closure (English)
United States	6604338	8/12/2003	09/806396	3/29/2001	Packaging device for attachment of clips to a continuously moving tube of casing (English)

COUNTRY	PATENT	PATENT DATE	APP	APP DATE	
United States	4766713	8/30/1988	78188	7/27/1987	PACKAGING DEVICE INCLUDING DUAL CLIP ATTACHMENT APPARATUS, A CASING BRAKE MECHANISM AND GATHERING MECHANISM (English)
United States	5109648	5/5/1992	507381	4/10/1990	PACKAGING DEVICE WITH LOOP ATTACHMENT MECHANISM AND SKIN BRAKE (English)
United States	6718598	4/13/2004	266004	10/7/2002	Plastic clip construction (English)
United States	6637075	10/28/2003	164439	6/6/2002	Plastic clip construction (English)
United States	6823564	11/30/2004	659459	9/10/2003	Plastic clip construction (English)
United States	4847952	7/18/1989	251668	9/29/1988	PRODUCT DISCHARGE TRAY MECHANISM (English)
United States			11/079404	3/14/2005	Push/Pull Clip Feed Configuration for Selectively Delivering or Withdrawing a Clip to Allow Output of One Clip Alone or Two Clips Concurrently and Associated Devices, Methods, Systems and Computer Program Products
United States	6920738	7/26/2005	822408	4/12/2004	Push/pull clip feed configuration for selectively delivering or withdrawing a clip to allow output of one clip alone or two clips concurrently and associated devices, methods, systems and computer program products (English)
United States			60/698568	7/12/2005	Ruckers Capable of Rucking Fixed Diameter Coverings and Associated Devices, Methods, Systems and Computer Program Products
United States	4847953	7/18/1989	251667	9/29/1988	SEMI-AUTOMATIC STUFFING MACHINE, CASING BRAKE AND TURRET ASSEMBLY (English)
United States	4887332	12/19/1989	263681	10/28/1988	SEMI-AUTOMATIC STUFFING MACHINE, CASING BRAKE AND TURRET ASSEMBLY (English)
United States			11/034376	1/12/2005	Stuffing Horn Brake Mechanism for Netting Machines (<i>abandoned</i>)
United States			11/262600	10/31/2005	Systems with Horns that Extend into Netting Chutes and Having Cooperating Deruckers for Producing Encased Products and Related Devices, Methods and Computer Program Products
United States	20050053699	3/10/2005	729282	12/5/2003	Systems with interchangeable horns for producing encased products and related methods, computer program products and horn rotor assemblies (English)
United States	6695364	2/24/2004	10/093144	3/7/2002	Tamper proof package label and closure construction (English)
United States			60/542991	2/9/2004	Tape Seal Modules for Producing Casings and Related Systems, Methods, Computer Program Products and Devices
WIPO	9519293	7/20/1995	95US832	1/18/1995	AN APPARATUS FOR PACKAGING FOWL AND OTHER PRODUCTS (English)
WIPO	9323233	11/25/1993	93US4319	5/12/1993	APPARATUS FOR ADJUSTMENT OF THE SPACING OF FILM DRIVE ASSEMBLIES IN A TUBULAR FILM FORMING DEVICE (English)
WIPO			US2005/020019	6/7/2005	Automated Clipping Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program Products
WIPO	9323291	11/25/1993	93US4547	5/13/1993	CLIP ATTACHMENT APPARATUS (English)

COUNTRY	PATENT NO.	PATENT DATE	APP. NO.	APP. DATE	DESCRIPTION
WIPO	200452724	9/23/2004	2003US38188	11/26/2003	CLIPPING MECHANISM PISTON ACTUATOR ACTIONNEUR DE PISTON A MECANISME D'AGRAFAGE (English)
WIPO			US2005/017252	5/18/2005	Clipping Packaging Apparatus and Methods
WIPO	9005671	4/18/1991	89US5072	11/9/1989	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
WIPO	8903346	4/20/1989	88US3402	9/30/1988	CONTINUOUSLY ROTATING PLATFORM WITH MULTIPLE MOUNTED DOUBLE CLIPPERS FOR CONTINUOUSLY FORMING LINK PRODUCT (English)
WIPO	200359747	7/24/2003	2003US752	1/10/2003	DEVICE FOR DEFINING A HANDLE IN A TUBULAR COVERING FOR A FOOD PRODUCT DISPOSITIF PERMETTANT DE DEFINIR UNE POIGNEE DANS UNE ENVELOPPE TUBULAIRE DESTINEE A UN PRODUIT ALEMENTAIRE (English)
WIPO	9005627	5/31/1990	89US5071	11/13/1989	HIGH SPEED CONTACT SEALER (English)
WIPO	9005455	5/31/1990	89US05043	11/9/1989	Improved casing brake construction
WIPO	9213764	8/20/1992	91US582	1/30/1991	IMPROVED MECHANISM FOR CONTROL OF GATHERING PLATES FOR A DOUBLE CLIPPER APPARATUS (English)
WIPO	8900948	2/9/1989	88US2292	7/8/1988	IMPROVED PACKAGING DEVICE INCLUDING DUAL CLIP ATTACHMENT APPARATUS, A CASING BRAKE MECHANISM AND GATHERING MECHANISM (English)
WIPO	9003114	4/4/1991	89US4142	9/22/1989	IMPROVED SEMI-AUTOMATIC STUFFING MACHINE, CASING BRAKE AND TURRET ASSEMBLY (English)
WIPO	9005670	5/31/1990	88US04054	11/14/1988	MANUALLY OPERATED CLIP ATTACHMENT APPARATUS WITH MOVABLE GATE AND DIE
WIPO	9717856	5/22/1997	96US18303	11/14/1996	MECHANISM FOR FEEDING A STRING LOOP INTO A CLIP ATTACHMENT APPARATUS (English)
WIPO			US2005/020006	6/7/2005	Modular Clipping Packaging Apparatus and Associated Devices, Methods, Systems and Computer Program Products
WIPO	200020282	4/13/2000	99US22921	10/1/1999	PACKAGING DEVICE FOR ATTACHMENT OF CLIPS TO A CONTINUOUSLY MOVING TUBE OF CASING (English)
WIPO	2003104097	12/18/2003	2002US37338	11/21/2002	Plastic Clip Construction
WIPO	2004104724	3/31/2005	2004US11224	4/12/2004	PUSH/PULL CLIP FEED CONFIGURATION FOR SELECTIVELY DELIVERING OR WITHDRAWING A CLIP TO ALLOW OUTPUT OF ONE CLIP ALONE OR TWO CLIPS CONCURRENTLY AND ASSOCIATED DEVICES, METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS CONFIGURATION D'ALIMENTATION DE CLIPS A
WIPO			PCT/US05039293	11/1/2005	Systems with Horns that Extend into Netting Chutes and Having Cooperating Deruckers for Producing Encased Products and Related Devices, Methods and Computer Program Products

COUNTRY	PATENT NO.	PATENT DATE	APP. NO.	APPL. DATE	
WIPO	200524600	3/17/2005	2004US29203	9/8/2004	SYSTEMS WITH INTERCHANGEABLE HORNS FOR PRODUCING ENCASED PRODUCTS AND RELATED METHODS, COMPUTER PROGRAM PRODUCTS AND HORN ROTOR ASSEMBLIES PROCEDES ET SYSTEMES A TUBULURES INTERCHANGEABLES POUR OBTENIR DES PRODUITS MIS EN BOYAUX, ET PRODUITS DE PROGRAMME
WIPO	9323234	11/25/1993	93US4659	5/14/1993	VACUUM ADVANCE SYSTEM FOR HIGH SPEED CONTACT SEALER FOR FORMING A FLAT FILM INTO A TUBE (English)