

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ThyssenKrupp Elevator Capital Corporation	09/28/2012

RECEIVING PARTY DATA

Name:	ThyssenKrupp Elevator Corporation
Street Address:	1995 N. Park Place SE #370
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30339

PROPERTY NUMBERS Total: 15

Property Type	Number
Application Number:	12957128
Application Number:	12431360
Application Number:	12122248
Application Number:	13343030
Application Number:	12186798
Application Number:	12200220
Application Number:	13337370
Application Number:	12200276
Application Number:	12210725
Application Number:	12471052
Application Number:	12488120
Application Number:	12190647
Application Number:	12882284
Application Number:	12963960
Application Number:	13178142

OP \$600.00 12957128

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 0568380

NAME OF SUBMITTER: Tracy L. Torrence

Total Attachments: 19
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ASSIGNMENT

ThyssenKrupp Elevator Capital Corporation, a corporation having a principal place of business at 3155 Big Beaver Road, Troy, Michigan 48084, and its successors, assigns, and legal representatives, and **Thyssen Elevator Capital Corp.**, a corporation having a principal place of business at 15141 East Whittier Boulevard, Whittier, California 90603, and also having places of business at 15141 East Whittier Boulevard, Whittier, California 92020 and at 1950 Cordell Court, Suite 109, El Cajon, California 92020 (hereinafter each "Assignor"), have by prior assignment secured the entire right, title and interest in and to the patents and patent applications provided on the attached Schedule A.

ThyssenKrupp Elevator Corporation, a corporation having a principal place of business at 1995 N Park Place SE #370, Atlanta, GA 30339, and its successors, assigns, and legal representatives (hereinafter "Assignee"), desires to secure the entire right, title and interest in and to the patents and patent applications provided on the attached Schedule A and any other patents or patent applications to which the patents and patent applications provided on the attached Schedule A claim priority benefit, including utility models, patents for invention, design patents, industrial designs, innovation patents, and any other similar protections throughout the world (collectively hereinafter the "Patents").

For one dollar in hand paid and for other good and valuable consideration, the receipt and adequacy of which is acknowledged, Assignor hereby:

1. Sells, assigns and transfers to Assignee the entire right, title and interest in and to the Patents, including but not limited to related provisional applications, any other patent applications based in whole or in part upon the Patents in any country (including divisional, renewal, substitute, continuation, and continuation-in-part applications), and all patents which may be granted thereon (including all reissues, reexaminations, and extensions thereof);

2. Authorizes Assignee to file patent applications on any invention or development described in any of the Patents in any country in the name of Assignee, or otherwise as Assignee may deem advisable;

3. Authorizes and requests the Director of the United States Patent & Trademark Office, and such patent office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any patents on any invention or development described or claimed in any of the Patents to Assignee as the owner of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Agrees, without expense to Assignor but without further consideration, to carry out in good faith the intent and purpose of this Assignment by executing all divisional, renewal, substitute, continuation, continuation-in-part, reissue, and all other patent applications based on any invention or development described in any of the Patents; executing all rightful oaths, assignments, powers of attorney and other papers; communicating to Assignee all facts known to Assignor relating to the Patents and the history thereof; and generally, doing everything reasonably possible which Assignee shall consider desirable for aiding in securing, maintaining, and enforcing proper protection for the Patents and for vesting title of the Patents in Assignee;

5. Represents and warrants that Assignor has the full right to convey to Assignee the entire interest to the Patents, and that Assignor has not executed, and will not execute, any agreement in conflict herewith;

6. Agrees to transfer a like interest upon request of Assignee, and without further remuneration, in and to any improvements growing out of or relating to the inventions or developments described in the Patents;

7. Covenants that this Assignment shall be binding upon Assignor's heirs, successors, and legal representatives.

ThyssenKrupp Elevator Capital Corporation

By: [Signature]

Name: Eric Scrudders

Title: Executive Vice President & General Counsel

STATE OF Florida)
COUNTY OF Broward) SS:

On this 28th day of September, 2012, personally appeared before me Eric Scrudders, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: [Signature]
My Commission Expires: 1-30-2014

Thyssen Elevator Capital Corp.)
By: [Signature]

Name: Eric Scrudders

Title: Executive Vice President & General Counsel

STATE OF Florida)
COUNTY OF Broward) SS:

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Notary Public: [Signature]
My Commission Expires: 1-30-2014

NOTARY PUBLIC-STATE OF FLORIDA
Kathy A. Redford
Commission # DD948852
Expires: JAN. 30, 2014
BONDED THRU ATLANTIC BONDING CO., INC.

NOTARY PUBLIC-STATE OF FLORIDA
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ThyssenKrupp Elevator Corporation

By: [Signature]


Name: Eric Scrudders

Title: Executive Vice President & General Counsel

STATE OF Florida)
) SS:
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On this 28th day of September, 2012, personally appeared before me Eric Scrudders, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

Notary Public: [Signature: Kathy A. Redford]
My Commission Expires: 1-30-2014

NOTARY PUBLIC-STATE OF FLORIDA
 Kathy A. Redford
Commission # DD948852
Expires: JAN. 30, 2014
BONDED THRU ATLANTIC BONDING CO., INC.

Schedule A

Docket #	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
05451	US	10/353,139	THYSSEN ELEVATOR CAPITAL CORP.	28-Jan-2003	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	6,854,164	15-Feb-2005
05451	NL	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	GB	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	FI	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	ES	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	EP	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	DE	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	CH	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010
05451	CA	2,512,277	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	2,512,277	28-Oct-2008
05451	BR	PI0407077-1	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE		
05451	AT	04702594.5	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	TERMINATION DEVICE FOR AN ARAMID-BASED ELEVATOR ROPE	1592635	03-Mar-2010

Docket #	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
05452	US	10/113,517	THYSSEN ELEVATOR CAPITAL CORP.	28-Mar-2002	METHOD AND APPARATUS FOR INCREASING THE TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM	6,619,434	16-Sep-2003
05452	US	10/621,280	THYSSEN ELEVATOR CAPITAL CORP.	16-Jul-2003	INCREASING TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM BASED UPON LOAD	7,011,184	14-Mar-2006
05452	EP	03713816.1	THYSSEN ELEVATOR CAPITAL CORP.	04-Mar-2003	METHOD AND APPARATUS FOR INCREASING THE TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM	1487730	
05452	CA	2,480,555	THYSSEN ELEVATOR CAPITAL CORP.	04-Mar-2003	METHOD AND APPARATUS FOR INCREASING THE TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM	2,480,555	12-May-2009
05452	CA	2,631,945	THYSSEN ELEVATOR CAPITAL CORP.	04-Mar-2003	METHOD AND APPARATUS FOR INCREASING THE TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM	2,631,945	13-Sep-2011
05452	BR	PI0308801-4	THYSSEN ELEVATOR CAPITAL CORP.	04-Mar-2003	METHOD AND APPARATUS FOR INCREASING THE TRAFFIC HANDLING PERFORMANCE OF AN ELEVATOR SYSTEM		
05456	US	10/769,527	THYSSEN ELEVATOR CAPITAL CORP.	30-Jan-2004	POWER SUPPLY FOR ELEVATOR SYSTEMS HAVING VARIABLE SPEED DRIVES	7,246,686	24-Jul-2007
05456	CA	2,554,269	THYSSEN ELEVATOR CAPITAL CORP.	10-Dec-2004	ENERGY EFFICIENT VARIABLE SPEED DRIVE FOR ELEVATOR SYSTEMS	2,554,269	03-Aug-2010
05456	BR	PI0418487-4	THYSSEN ELEVATOR CAPITAL CORP.	10-Dec-2004	ENERGY EFFICIENT VARIABLE SPEED DRIVE FOR ELEVATOR SYSTEMS		

Docket#	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
05458	US	10/791,969	THYSSEN ELEVATOR CAPITAL CORP.	02-Mar-2004	METHOD AND APPARATUS FOR A SIMPLIFIED WIRING SYSTEM FOR ELEVATORS	7,334,665	26-Feb-2008
05458	CA	2,557,706	THYSSEN ELEVATOR CAPITAL CORP.	14-Feb-2005	METHOD AND APPARATUS FOR A SIMPLIFIED WIRING SYSTEM FOR ELEVATORS	2,557,706	02-Feb-2010
05458	BR	PI0508400-8	THYSSEN ELEVATOR CAPITAL CORP.	14-Feb-2005	METHOD AND APPARATUS FOR A SIMPLIFIED WIRING SYSTEM FOR ELEVATORS		
05460	US	10/353,173	THYSSEN ELEVATOR CAPITAL CORP.	28-Jan-2003	SELF-CLIMBING ELEVATOR MACHINE COMPRISING A PUNCHED RAIL ASSEMBLY	7,261,184	28-Aug-2007
05461	US	10/348,440	THYSSEN ELEVATOR CAPITAL CORP.	21-Jan-2003	HEIGHT ADJUSTMENT CLIP FOR AN ELEVATOR DOOR	6,845,849	25-Jan-2005
05461	EP	04702598.6	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	HEIGHT ADJUSTMENT CLIP FOR AN ELEVATOR DOOR	1594788	05-Sep-2007
05461	CA	2,512,146	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	HEIGHT ADJUSTMENT CLIP FOR AN ELEVATOR DOOR	2,512,146	30-Mar-2010
05461	BR	PI0406836-0	THYSSEN ELEVATOR CAPITAL CORP.	15-Jan-2004	HEIGHT ADJUSTMENT CLIP FOR AN ELEVATOR DOOR		
05465	US	09/953,689	THYSSEN ELEVATOR CAPITAL CORP.	17-Sep-2001	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	6,662,660	16-Dec-2003
05465	US	10/661,257	THYSSEN ELEVATOR CAPITAL CORP.	12-Sep-2003	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	6,923,065	02-Aug-2005
05465	GB	04784067.3	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2004	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	1663838	09-Sep-2009
05465	EP	02759686.5	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2002	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	1428000	

Docket#	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
05465	EP	04784067.3-1256	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2004	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	1663838	09-Sep-2009
05465	DE	04784067.3	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2004	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	1663838	09-Sep-2009
05465	CH	04784067.3	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2004	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	1663838	09-Sep-2009
05465	CA	2,538,128	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2004	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES	2,538,128	04-Jan-2011
05465	BR	PI0414360-4	THYSSEN ELEVATOR CAPITAL CORP.	13-Sep-2004	APPARATUS FOR TESTING ARAMID FIBER ELEVATOR CABLES		
05466	US	10/282,635	THYSSEN ELEVATOR CAPITAL CORP.	29-Oct-2002	AUTOBALANCE ROPING AND DRIVE ARRANGEMENT	6,966,408	22-Nov-2005
05467	US	10/615,429	THYSSEN ELEVATOR CAPITAL CORP.	07-Jul-2003	METHODS AND APPARATUS FOR ASSIGNING ELEVATOR HALL CALLS TO MINIMIZE ENERGY USE	7,032,715	25-Apr-2006
05467	EP	04754721.1	THYSSEN ELEVATOR CAPITAL CORP.	07-Jun-2004	METHODS AND APPARATUS FOR ASSIGNING ELEVATOR HALL CALLS TO MINIMIZE ENERGY USE	1641696	
05467	CA	2,531,448	THYSSEN ELEVATOR CAPITAL CORP.	07-Jun-2004	METHODS AND APPARATUS FOR ASSIGNING ELEVATOR HALL CALLS TO MINIMIZE ENERGY USE	2,531,448	25-Jan-2011
05467	BR	PI0412417-0	THYSSEN ELEVATOR CAPITAL CORP.	07-Jun-2004	METHODS AND APPARATUS FOR ASSIGNING ELEVATOR HALL CALLS TO MINIMIZE ENERGY USE		
05482	US	10/354,378	THYSSEN ELEVATOR CAPITAL CORP.	30-Jan-2003	SYNTHETIC FIBER ROPE FOR AN ELEVATOR	7,032,371	25-Apr-2006

Docket#	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
05483	US	09/746,784	THYSSEN ELEVATOR CAPITAL CORP.	21-Dec-2000	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	6,439,349	27-Aug-2002
05483	NL	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05483	GB	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05483	FI	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05483	ES	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05483	EP	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05483	DE	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05483	CH	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012

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05483	AT	01991227.8	THYSSEN ELEVATOR CAPITAL CORP.	13-Dec-2001	METHOD AND APPARATUS FOR ASSIGNING NEW HALL CALLS TO ONE OF A PLURALITY OF ELEVATOR CARS	1385771	01-Feb-2012
05485	US	09/608,310	THYSSEN ELEVATOR CAPITAL CORP.	30-Jun-2000	JACKET-ASSEMBLY AND METHOD FOR PROTECTING HYDRAULIC ELEVATOR JACKS	6,427,575	06-Aug-2002
05485	US	10/214,003	THYSSEN ELEVATOR CAPITAL CORP.	06-Aug-2002	JACKET-ASSEMBLY AND METHOD FOR PROTECTING HYDRAULIC ELEVATOR JACKS	6,807,893	26-Oct-2004
05488	US	09/848,907	THYSSEN ELEVATOR CAPITAL CORP.	04-May-2001	ELEVATOR DOOR SILL ASSEMBLY	6,684,573	03-Feb-2004
05490	US	10/773,841	THYSSEN ELEVATOR CAPITAL CORP.	05-Feb-2004	SNAP-FIT ELEVATOR HALL FIXTURE ASSEMBLIES	7,152,715	26-Dec-2006
05564	US	09/523,186	THYSSEN ELEVATOR CAPITAL CORP.	10-Mar-2000	ENCODING SYSTEM FOR COMMUNICATING WITH ELEVATOR I/O DEVICES	6,672,429	06-Jan-2004
05767	US	11/207,539	THYSSEN ELEVATOR CAPITAL CORP.	19-Aug-2005	TWIN ELEVATOR SYSTEMS	7,841,450	30-Nov-2010
05767	US	13/332,540	THYSSEN ELEVATOR CAPITAL CORP.	21-Dec-2011	ZONED ELEVATOR SYSTEM	US-2012-0118674-A1	
05767	EP	06801074.3	THYSSEN ELEVATOR CAPITAL CORP.	09-Aug-2006	TWIN ELEVATOR SYSTEMS	1915308	
05767	CA	2,619,764	THYSSEN ELEVATOR CAPITAL CORP.	09-Aug-2006	TWIN ELEVATOR SYSTEMS	2,619,764	18-Oct-2011
05767	CA	2,751,637	THYSSEN ELEVATOR CAPITAL CORP.	09-Aug-2006	DIV 1 TWIN ELEVATOR SYSTEMS	2,751,637	
05767	CA	2,751,650	THYSSEN ELEVATOR CAPITAL CORP.	09-Aug-2006	DIV 2 TWIN ELEVATOR SYSTEMS	2,751,650	
05767	BR	PI0615359-3	THYSSEN ELEVATOR CAPITAL CORP.	09-Aug-2006	TWIN ELEVATOR SYSTEMS		

Docket#	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
05809	US	11/252,653	THYSSEN ELEVATOR CAPITAL CORP.	18-Oct-2005	METHOD AND APPARATUS TO PREVENT OR MINIMIZE THE ENTRAPMENT OF PASSENGERS IN ELEVATORS DURING A POWER FAILURE	7,540,356	02-Jun-2009
05809	EP	06836183.1-1256	THYSSEN ELEVATOR CAPITAL CORP.	05-Oct-2006	METHOD AND APPARATUS TO PREVENT OR MINIMIZE THE ENTRAPMENT OF PASSENGERS IN ELEVATORS DURING A POWER FAILURE	1937580	
05809	CA	2,624,330	THYSSEN ELEVATOR CAPITAL CORP.	05-Oct-2006	METHOD AND APPARATUS TO PREVENT OR MINIMIZE THE ENTRAPMENT OF PASSENGERS IN ELEVATORS DURING A POWER FAILURE	2,624,330	22-May-2012
05809	BR	PI0617497-3	THYSSEN ELEVATOR CAPITAL CORP.	05-Oct-2006	METHOD AND APPARATUS TO PREVENT OR MINIMIZE THE ENTRAPMENT OF PASSENGERS IN ELEVATORS DURING A POWER FAILURE		
05767	US	12/957,128	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	30-Nov-2010	TWIN ELEVATOR SYSTEMS	8,100,230	24-Jan-2012
05809	US	12/431,360	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Apr-2009	ELEVATOR SYSTEM TO MAINTAIN FUNCTIONALITY DURING A POWER FAILURE	7,967,113	28-Jun-2011
16828	US	12/122,248	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	16-May-2008	ACTIVELY DAMPED TENSION MEMBER	8,110,050	07-Feb-2012
16828	US	13/343,030	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	04-Jan-2012	ACTIVELY DAMPED TENSION MEMBER	US-2012-0175025-A1	

Docket#	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
16828	EP	08755711.2-1264	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	16-May-2008	ACTIVELY DAMPED TENSION MEMBER	2145120	
16828	CA	2,677,741	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	16-May-2008	ACTIVELY DAMPED TENSION MEMBER	2,677,741	
16828	BR	PI0811862-0	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	16-May-2008	ACTIVELY DAMPED TENSION MEMBER		
16877	US	12/186,798	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	US-2009-0152053-A1	
16877	NL	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16877	GB	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16877	FI	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16877	ES	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16877	EP	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012

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16877	DE	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16877	CH	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16877	CA	2,696,165	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2,696,165	
16877	BR	PI0818798-3	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME		
16877	BR	PI1000680-0	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	10-Feb-2010	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME		
16877	AT	08797257.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2008	CONTROL FOR LIMITING ELEVATOR PASSENGER TYMPANIC PRESSURE AND METHOD FOR THE SAME	2178782	11-Jul-2012
16893	US	12/200,220	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	8,104,585	31-Jan-2012
16893	US	13/337,370	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	27-Dec-2011	METHOD AND APPARATUS FOR ASSIGNING ELEVATOR HALL CALLS BASED ON TIME METRICS	US-2012-0090923-A1	

Docket#	Country	Application #	Assignee Name	Filing Date	Title	Patent # or Publication #	Issue Date
16893	NL	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	NL	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16893	GB	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	GB	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16893	FI	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	FI	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16893	ES	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	ES	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012

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16893	EP	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	EP	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16893	DE	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	DE	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16893	CH	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	CH	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16893	CA	2,696,913	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2,696,913	
16893	BR	PI0816080-5	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS		

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16893	AT	08798845.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2183177	21-Mar-2012
16893	AT	10005426.1-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	METHOD AND APPARATUS TO REDUCE WAITING TIMES FOR DESTINATION BASED DISPATCHING SYSTEMS	2213604	21-Mar-2012
16894	US	12/200,276	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	7,975,808	12-Jul-2011
16894	NL	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16894	GB	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16894	FI	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16894	ES	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16894	EP	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16894	DE	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16894	CH	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012

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16894	CA	2,696,940	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2,696,940	
16894	BR	PI0816074-0	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS		
16894	AT	08829516.7-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	28-Aug-2008	SATURATION CONTROL FOR DESTINATION DISPATCH SYSTEMS	2183178	04-Apr-2012
16917	US	12/210,725	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	METHOD AND APPARATUS TO MINIMIZE COMPENSATION ROPE SWAY IN ELEVATORS	8,123,002	28-Feb-2012
16917	NL	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	NL	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	NL	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
16917	GB	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	GB	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	GB	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
16917	FI	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012

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16917	FI	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	FI	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
16917	ES	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	ES	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	ES	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
16917	EP	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	EP	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	EP	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
16917	DE	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	DE	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	DE	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012

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16917	CH	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	CH	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	CH	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
16917	CA	2,679,474	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2,679,474	
16917	BR	PI0815201-2	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS		
16917	AT	08830662.6-1256	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2197775	02-May-2012
16917	AT	10014385.8	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2287101	09-May-2012
16917	AT	10014386.6	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2008	SYSTEM AND METHOD TO MINIMIZE ROPE SWAY IN ELEVATORS	2289831	14-Mar-2012
17110	US	12/471,052	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	22-May-2009	ACTIVE GUIDING AND BALANCE SYSTEM FOR AN ELEVATOR	US-2009-0308697-A1	
17110	EP	09751678.5	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	22-May-2009	ACTIVE GUIDING AND BALANCE SYSTEM FOR AN ELEVATOR	2280895	
17110	CA	2,724,891	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	22-May-2009	ACTIVE GUIDING AND BALANCE SYSTEM FOR AN ELEVATOR	2,724,891	

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17110	BR	PI0913051-9	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	22-May-2009	ACTIVE GUIDING AND BALANCE SYSTEM FOR AN ELEVATOR		
17130	US	12/488,120	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	19-Jun-2009	ROPE TENSION EQUALIZER AND LOAD MONITOR	8,162,110	24-Apr-2012
17167	US	12/190,647	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	13-Aug-2008	ROPE TERMINATION DEVICE	8,096,024	17-Jan-2012
17167	CA	2,733,011	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	06-Aug-2009	ROPE TERMINATION DEVICE	2,733,011	
17377	US	12/882,284	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	15-Sep-2010	INTERLOCKING ELEVATOR CAB ASSEMBLY	US-2011-0100763-A1	
17377	CA	2,686,996	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	03-Dec-2009	INTERLOCKING ELEVATOR CAB ASSEMBLY	2,686,996	26-Jun-2012
17443	US	12/963,960	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	09-Dec-2010	ELEVATOR APPARATUS YIELDING NO REVERSE ROPE BEND	US-2011-0132695-A1	
17443	CA	2,775,153	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	09-Dec-2010	ELEVATOR APPARATUS YIELDING NO REVERSE ROPE BEND	2,775,153	
17718	US	13/178,142	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	07-Jul-2011	ELEVATOR CAR DOOR INTERLOCK	US-2012-0006629-A1	
17718	CA	2,745,792	THYSSENKRUPP ELEVATOR CAPITAL CORPORATION	08-Jul-2011	ELEVATOR CAR DOOR INTERLOCK	2,745,792	

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