

08-16-2001



Form PTO-1594  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

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

101814659

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Manitowoc Crane Companies, Inc. 08/08/01  
(formerly Manitowoc Crane Group, Inc.)  
50 West Liberty St., Ste 1060, Reno, NE  
 Individual(s)       Association 89501  
 General Partnership       Limited Partnership  
 Corporation-State  
 Other \_\_\_\_\_

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

3. Nature of conveyance:  
 Assignment       Merger  
 Security Agreement       Change of Name  
 Other Grant of Security Interest  
Execution Date: 5/8/01

2. Name and address of receiving party(ies)  
Name: Bankers Trust Company  
Internal  
Address: \_\_\_\_\_  
Street Address: 130 Liberty Street  
City: NY State: NY Zip: 10006  
 Individual(s) citizenship \_\_\_\_\_  
 Association \_\_\_\_\_  
 General Partnership \_\_\_\_\_  
 Limited Partnership \_\_\_\_\_  
 Corporation-State \_\_\_\_\_  
 Other \_\_\_\_\_  
If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
(Designations must be a separate document from assignment)  
Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration number(s):  
A. Trademark Application No.(s)  
See Attached.

B. Trademark Registration No.(s)  
See Attached.

Additional number(s) attached  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Danice Kowalczyk, Esq.  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
Street Address: White & Case  
1155 Avenue of the Americas  
City: NY State: NY Zip: 10036

6. Total number of applications and registrations involved: ..... 23  
7. Total fee (37 CFR 3.41).....\$ 590.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
23-1705  
(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Danice Kowalczyk  
Name of Person Signing

*Danice Kowalczyk*  
Signature

8/8/01  
Date

Total number of pages including cover sheet, attachments, and document: 11

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

08/15/2001 TBIAZ1 00000086 76253228

01 FC:481 40.00 OP  
02 FC:482 550.00 OP

TRADEMARK  
REEL: 002349 FRAME: 0220

# Schedule A

## Patents and Trademarks

### MANITOWOC CRANE COMPANIES, INC. (formerly Manitowoc Crane Group, Inc.)

#### Manitowoc Crane Group, Inc. - U.S. Patents

Patent No.	Description	File No.	Law Firm
4,284,159	Mobile Crane	MCG	
6,244,449	Free Fall Disconnect	MCG	
6,213,318	Rotatable Connection System for Crane Boom Sections	MCG	
6,158,535	Mechanical Track Drive	MCG	
6,131,751	Counter Weight Handling System and Boom Parking Device	MCG	
5,189,605	Control and Hydraulic System for a Lift Crane	MCG	
4,131,078	Collapsible Crane Back Hitch and Overload Signal System	MCG	
4,601,402	Steerable Concentric Ring Segment Supported Lift Crane	MCG	
4,444,287	Steering System for Mobile Crane	MCG	
4,381,060	Ring Supported Mobile Tower	MCG	
4,380,107	Connector Pin Handling Device	MCG	
4,358,021	Separated Ring Segment Dual Pivot Lift Crane	MCG	
4,342,028	Cable Drum Rotation Indicator	MCG	
4,316,548	Concentric Ring Segment Supported Lift Crane	MCG	
4,305,513	Slack Cable Sensing Apparatus	MCG	
4,284,265	Dual Drive System for Dragline With Power Interlock	MCG	
4,194,638	Ring Supported Tower Crane	MCG	
08/834,724	Free Fall Disconnect	MCG	
08/748,986	Lift Crane With Synchronous Rope Operation	MCG	
09/233,927	Control and Hydraulic System for a Liftcrane	MCG	
09/175,065	Hydraulic System for Boom Hoist Cylinder Crane	MCG	
09/277,364	Four Track Crawler Crane	MCG	
5,297,019	Control and Hydraulic System for Liftcrane	MCG	
90/005,623	Control and Hydraulic System for Liftcrane	MCG	
09/793,912	Crawler Crane Having Left and Right Crawler Assemblies	MCG	

#### Manitowoc Crane Group, Inc. - U.S. Trademarks

Registration No.	Description
2,456,322	MAX-ER

**Manitowoc Cranes, Inc. - U.S. Patents**

Patent No.	Description	File No.	Law Firm
4,807,797	Method for Welding Hollow Elongated Beams	2187	LVM
4,729,486	Lift Enhancing Beam Attachment with Moveable Counterweights	2210	LVM
5,176,267	Quick Disconnect Systems for Construction Equipment	2212	BHGL
4,953,722	Crane and Lift Enhancing Beam Attachment with Moveable Counterweights	2220	BHGL
5,189,605	Control and Hydraulic System for a Lift Crane	2221	BHGL
5,297,019	Control and Hydraulic System for a Lift Crane	2221	BHGL
5,199,586	Quick Disconnect Systems for Cranes and The Like	2229	BHGL
5,823,279	Rapid Connect Carbody to Crawlers	2230	BHGL
5,427,256	Crane Upper Works To Lower Works Alignment System	2233	BHGL
5,649,635	Easily Removable Sheave Assembly	2234	BHGL
5,148,929	Multicoupling Device for Crane Hydraulic Lines	2236	BHGL
5,443,169	Crane Backhitch	2238	BHGL
6,010,018	Swing Lock Mechanism With Rotatable Upper	2242	BHGL
5,292,016	Luffing Jib Backstop Assembly	2249	BHGL
5,406,767	Longitudinally Divisible Crane Boom Segment	2257	BHGL
5,487,479	Transport Means For A Longitudinally Divisible Crane Boom Segment	2258	BHGL
5,353,940	Alignment System For Crane Works And Method of Alignment	2260	BHGL
5,522,515	Ring Segment Connection	2261	BHGL
5,484,069	A Process For Self-Disassembling A Crawler Crane	2268	BHGL
5,579,931	Lift Crane With Synchronous Rope Operation	2272	BHGL
5,842,587	Offsetting Link Assembly For Folding Luffing Jib	2283	BHGL
5,615,784	Crane Counterweight Installation & Removal	2311	BHGL
5,960,970	Multiple Position Wire Rope Guide	2321	BHGL
6,062,405	Boom Hoist Cylinder Crane	2323	BHGL
5,941,401	Counterweight Handling System Ring Support Crane	2333	BHGL

**Manitowoc Cranes, Inc. - Foreign Patents**

Patent No.	Description	Country	File No.	Law Firm
1,186,921	Method & Apparatus For Welding	Canada	2187	LVM
2,124,585	Method & Apparatus For Welding	Great	2187	LVM

		Britain			
	w/Rotatable Upperworks	EPC*		2212	BHGL
	with Rotatable Upperworks	Australia		2212	BHGL
	with Rotatable Upperworks	Canada		2212	BHGL
92236	Crane Lift Enhancing Beam	Portugal		2220	BHGL
140085	Crane Lift Enhancing Beam	Korea		2220	BHGL
165454	Crane Lift Enhancing Beam	Mexico		2220	BHGL
175166	Crane Lift Enhancing Beam	India		2220	BHGL
179397	Crane Lift Enhancing Beam	India		2220	BHGL
0,366,463	Crane Lift Enhancing Beam	EPC*		2220	BHGL
1,316,148	Crane Lift Enhancing Beam	Canada		2220	BHGL
2,716,819	Crane Lift Enhancing Beam	Japan		2220	BHGL
95548	Control & Hydraulic System for Lift Crane	Portugal		2221	BHGL
150448	Control & Hydraulic System for Lift Crane	South Korea		2221	BHGL
172668	Control & Hydraulic System for Lift Crane	Mexico		2221	BHGL
178492	Control & Hydraulic System for Lift Crane	India		2221	BHGL
422821	Control & Hydraulic System for Lift Crane	EPC*		2221	BHGL
642666	Control & Hydraulic System for Lift Crane	Australia		2221	BHGL
2,027,214	Control & Hydraulic System for Lift Crane	Canada		2221	BHGL
180416	Quick Connect Sectional Boom	India		2229	BHGL
0,533,323	Quick Connect Sectional Boom	EPC*		2229	BHGL
0,720,961	Quick Connect Sectional Boom	EPC*		2229	BHGL
2,074,212	Quick Connect Sectional Boom	Canada		2229	BHGL
0,533,502	Carbody to Crawler Connection	EPC*		2230	BHGL
2,078,318	Carbody to Crawler Connection	Canada		2230	BHGL
180115	Upper Works - Lower Works Alignment System	India		2233	BHGL
0,533,499	Upper Works - Lower Works Alignment System	EPC*		2233	BHGL
2,078,392	Upper Works - Lower Works Alignment System	Canada		2233	BHGL
533501	Easily Removable Sheave Assy.	EPC*		2234	BHGL
2,078,304	Easily Removable Sheave Assy.	Canada		2234	BHGL
180117	Multi-Coupling Device-Hydraulic Cranes	India		2236	BHGL
533500	Multi-Coupling Device-Hydraulic	EPC*		2236	BHGL

		Cranes				
2,078,393		Multi-Coupling Device-Hydraulic Cranes	Canada		2236	BHGL
0,588,516		Crane Backhitch	EPC*		2238	BHGL
2,106,179		Crane Backhitch	Canada		2238	BHGL
166092		Swing Lock Mechanism w/Rotatable Upper	Korea		2242	BHGL
180535		Swing Lock Mechanism w/Rotatable Upper	India		2242	BHGL
655663		Swing Lock Mechanism w/Rotatable Upper	Australia		2242	BHGL
2,109,939		Swing Lock Mechanism w/Rotatable Upper	Canada		2242	BHGL
592135		Luffing Jib Backstop Assy.	EPC*		2249	BHGL
2,107,742		Luffing Jib Backstop Assy.	Canada		2249	BHGL
0,599,488		Longitudinally Divisible Crane Boom Segment	EPC*		2257	BHGL
2,103,336		Longitudinally Divisible Crane Boom Segment	Canada		2257	BHGL
0,608,010		Ring Segment Connection	EPC*		2261	BHGL
2,108,958		Ring Segment Connection	Canada		2261	BHGL
2,217,548		Counterweight Handling System Ring	Canada		2333	BHGL
592602		Quick Disconnect System for Construction				
655663		Quick Disconnect System for Construction				
2,109,939		Quick Disconnect System for Construction				

**Manitowoc Cranes, Inc. - U.S. Trademarks**

<b>Registration Number</b>	<b>Description</b>	<b>File No.</b>	<b>Law Firm</b>
716,813	Vicon	2014	LVM
872,527	Ringer	2138	LVM
887,629	Manitowoc	2141	LVM
1,073,477	Platform - Ringer	2167	LVM
1,073,478	Ringer - Swinger	2168	LVM
1,210,284	Traveling -	2192	LVM

	Ringer						
1,423,634	M and Design					2211	LVM
1,834,338	H - Fact					2250	BHGL
2,257,677	Manitowoc and Design					2320	LVM
1,751,792	Epic					2332	BHGL
2,343,794	Octa-Trac					2362	LVM

**Manitowoc Cranes, Inc. - Foreign Trademarks**

<b>Registration Number</b>	<b>Description</b>	<b>Country</b>	<b>File No.</b>	<b>Law Firm</b>
207,067	Vicon	Switzerland	2014	LVM
1,512,524	Vicon	France	2014	LVM
303,801	Manitowoc	Indonesia	2141	LVM
303,953	Manitowoc	Indonesia	2141	LVM
814,461	Manitowoc	China	2141	LVM
4,051,418	Manitowoc	Japan	2141	LVM
344,694	M and Design	Canada	2211	LVM
416,136	M and Design	Mexico	2211	LVM
494/05	Manitowoc & Design	Saudi Arabia	2320	LVM
20,462	Manitowoc & Design	United Arab Emirates	2320	LVM
93,092	Manitowoc & Design	Panama	2320	LVM
051,120	Manitowoc & Design	Peru	2320	LVM
281,172	Manitowoc & Design	New Zealand	2320	LVM
448,393	Manitowoc & Design	South Korea	2320	LVM
515,785	Manitowoc & Design	Canada	2320	LVM
519,910	Manitowoc & Design	Chile	2320	LVM
614,873	Manitowoc & Design	Benelux	2320	LVM
654,649	Manitowoc & Design	Mexico	2320	LVM
740,732	Manitowoc &	Australia	2320	LVM

		Design					
841,715		Manitowoc & Design			Taiwan	2320	LVM
1,379,436		Manitowoc & Design			China	2320	LVM
2,120,375		Manitowoc & Design			Spain	2320	LVM
2,139,855		Manitowoc & Design			United Kingdom	2320	LVM
4,263,511		Manitowoc & Design			Japan	2320	LVM
39,736,264		Manitowoc & Design			Germany	2320	LVM
97,692,043		Manitowoc & Design			France	2320	LVM
820,357,820		Manitowoc & Design			Brazil	2320	LVM
97/11011		Manitowoc & Design			South Africa	2320	LVM

**Manitowoc Boom Trucks, Inc. - U.S. Patents**

Patent No.	Description	File No.	Law Firm
	None		

**Manitex, Inc. - U.S. Patents**

Patent No.	Description	File No.	Law Firm
	None		

**Manitex, Inc. - U.S. Trademarks**

Registration Number	Description	File No.	Law Firm
1,873,611	Manitex	2265	BHGL

**Manitex, Inc. - Foreign Trademarks**

Registration Number	Description	Country	File No.	Law Firm
293,984	Manitex &	South	2265	BHGL

		Design			Korea		
303,800		Manitex & Design			Indonesia	2265	BHGL
680,252		Manitex & Design			Taiwan	2265	BHGL
704,507		Manitex & Design			China	2265	BHGL
8605/93		Manitex & Design			Singapore	2265	BHGL
93/09407		Manitex & Design			Malaysia	2265	BHGL
8564.1998		Manitex & Design			Hong Kong	2265	BHGL
KOR31901		Manitex & Design			Thailand	2265	BHGL
3,231,953		Manitex & Design			Japan	2265	BHGL

**Pioneer - U.S. Patents**

Patent No.	Description	File No.	Law Firm
5,486,084	Multiple Purpose Material Working Apparatus	None	BHGL
5,678,707	Mechanism for Rotating a Crane Turret	2369	BHGL
5,695,082	Crane Having Readily Removal Outer Boom	2370	BHGL
5,706,960	Extended Perimeter X-Shaped Outrigger	2371	BHGL
5,803,279	Automatically Deployable Loadline Receiving Mast Structure	2372	BHGL



**Pioneer - Foreign Patents**

Patent No.	Description	Country	File No.	Law Firm
	None			

**Pioneer - U.S. Trademarks**

Registration Number	Description	File No.	Law Firm
2,073,018	P and Design	2374	BHGL
2,074,881	Pioneer	2375	BHGL

**Pioneer - Foreign Trademarks**

Registration Number	Description	Country	File No.	Law Firm
	None			

**USTC, Inc. - U.S. Patents**

Patent No.	Description	File No.	Law Firm
4,406,375	Telescopic Boom Construction	2341	BHGL
4,508,014	Remote Control Apparatus	2342	BHGL
5,542,812	Crane Having Swing Away Hoist Mount	2342	BHGL
5,402,898	Crane Having Boom Rest	2344	BHGL

**USTC, Inc. - Foreign Patents**

Patent No.	Description	Country	File No.	Law Firm
1,182,076	Telescopic Boom Construction	Canada	2341	BHGL

1,096,818		Truck Mounted Crane and Method			Canada		2354	BHGL
1,117,075		Industrial Crane			Canada		2354	BHGL
1,151,601		Industrial Crane			Canada		2354	BHGL
1,201,793		Boom Limit Safety Control			Canada		2356	BHGL

**USTC, Inc. - U.S. Trademarks**

Registration Number	Description	Country	File No.	Law Firm
2,080,021	Tail-Gator		2346	BHGL
1,366,472	Shock Guard		2347	BHGL
2,080,022	Taxi-King		2348	BHGL
1,301,274	Jiffy-Lift Eagle		2349	BHGL
1,261,485	Side-o-Matic		2350	BHGL
938,074	Versa-Tel & Design		2351	BHGL

**USTC, Inc. - Foreign Trademarks**

Registration Number	Description	Country	File No.	Law Firm
254,790	Panoview	Canada	None	
488,404	Tail-Gator	Canada	2346	

**West-Manitowoc, Inc. - U.S. Patents**

Patent Number	Description	Country	File No.	Law Firm
	None			

**West-Manitowoc, Inc. - Foreign Patents**

Patent Number	Description	Country	File No.	Law Firm
	None			

**West-Manitowoc, Inc. - U.S. Trademarks**

Registration Number	Description	Country	File No.	Law Firm
1,933,745	West-Manitowoc & Design		2264	BHGL

**West-Manitowoc, Inc. - Foreign Trademarks**

Registration Number	Description	Country	File No.	Law Firm
742,702	West-Manitowoc & Design	Taiwan	2264	BHGL

\*Footnote - EPC Countries Include:

	Austria			
	Belgium			
	Denmark			
	France			
	Germany			
	Greece			
	Great Britian			
	Italy			
	Luxembourg			
	Netherlands			
	Spain			
	Sweden			
	Switzerland			

**GRANT OF SECURITY INTEREST  
IN UNITED STATES TRADEMARKS**

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Manitowoc Crane Companies, Inc. (previously known as Manitowoc Crane Group, Inc.), a Nevada Corporation (the "Grantor") with principal offices at 50 West Liberty Street, Suite 1060, Reno, Nevada 89501, hereby assigns and grants to Bankers Trust Company, as Collateral Agent, with principal offices at 130 Liberty Street, New York, New York 10006 (the "Grantee"), a security interest in (i) all of the Grantor's right, title and interest in and to the United States trademarks, trademark registrations and trademark applications (the "Marks") set forth on Schedule A attached hereto, (ii) all Proceeds (as such term is defined in the Security Agreement referred to below) and products of the Marks, (iii) the goodwill of the businesses with which the Marks are associated and (iv) all causes of action arising prior to or after the date hereof for infringement of any of the Marks or unfair competition regarding the same.

THIS GRANT is made to secure the satisfactory performance and payment of all the Obligations of the Grantor, as such term is defined in the Security Agreement among the Grantor, the other assignors from time to time party thereto and the Grantee, dated as of May 9, 2001 (as amended, modified, restated and/or supplemented from time to time, the "Security Agreement"). Upon the occurrence of the Termination Date (as defined in the Security Agreement), the Grantee shall execute, acknowledge, and deliver to the Grantor an instrument in writing releasing the security interest in the Marks acquired under this Grant.

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are as set forth in the Security Agreement, all terms and

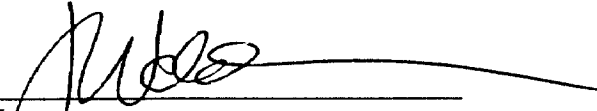
provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

\* \* \*

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the

8<sup>th</sup> day of May, 2001.

Manitowoc Crane Companies, Inc., as Grantor

By   
Name:  
Title:

BANKERS TRUST COMPANY,  
as Collateral Agent and Grantee

By \_\_\_\_\_  
Name:  
Title:

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the

8 day of May, 2001.

Manitowoc Crane Companies, Inc., as Grantor

By \_\_\_\_\_  
Name:  
Title:

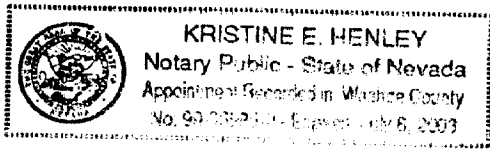
BANKERS TRUST COMPANY,  
as Collateral Agent and Grantee

By Gina S. Thompson  
Name: Gina S. Thompson  
Title: Director

STATE OF Nevada )  
 ) SS.:  
COUNTY OF Washoe )

On this 8<sup>th</sup> day of May 2000, before me personally came JAMES  
WALDEN who, being by me duly sworn, did state as follows: that [s]he is  
PRESIDENT of Manitowoc Crane Companies, Inc., that [s]he is authorized to execute the  
foregoing Grant on behalf of said corporation and that [s]he did so by authority of the [Board of  
Directors] of said corporation.

Kristine E. Henley  
Notary Public





STATE OF New York )  
COUNTY OF New York ) ss.:

On this 8 day of May, ~~2001~~, before me personally came \_\_\_\_\_  
Gina Thompson who, being by me duly sworn, did state as follows: that [s]he is  
Director of Bankers Trust Company, that [s]he is authorized to execute the  
foregoing Grant on behalf of said corporation and that [s]he did so by authority of the Board of  
Directors of said corporation.

Ana M. Adsuar  
Notary Public

**ANA M. ADSUAR**  
**Notary Public, State of New York**  
**No. 01AD6051166**  
**Qualified in New York County**  
**Commission Expires Nov. 2, 2002**

MARK

REG. NO.

REG. DATE

**See Attachment**  
(next page)