

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

Termination and Release of Security Interest in Patent Rights (previously recorded at Reel 12211 Frame 0425)

CONVEYING PARTY DATA

Name	Execution Date
Canadian Imperial Bank of Commerce, as Administrative Agent	12/20/2005

RECEIVING PARTY DATA

Name:	Hayes Lemmerz International, Inc.
Street Address:	15300 Centennial Drive
City:	Northville
State/Country:	MICHIGAN
Postal Code:	48167

PROPERTY NUMBERS Total: 108

Property Type	Number
Application Number:	09340351
Application Number:	09421211
Application Number:	08899260
Application Number:	09557427
Patent Number:	6318446
Application Number:	09422686
Patent Number:	6315366
Application Number:	09439524
Application Number:	09888135
Application Number:	09452564
Application Number:	09321024
Application Number:	09830436
Application Number:	09760074
Application Number:	09871715

PATENT

500070133

REEL: 016996 FRAME: 0161

OP \$4320.00 09340351

Application Number:	09473379
Application Number:	09474520
Application Number:	09731401
Application Number:	09831699
Application Number:	09796119
Application Number:	09732133
Application Number:	09521923
Application Number:	09469990
Application Number:	09539098
Application Number:	09707232
Application Number:	09593972
Application Number:	09753235
Application Number:	09553292
Application Number:	09664654
Application Number:	09815426
Application Number:	09871927
Application Number:	09751470
Application Number:	09592476
Application Number:	09751326
Application Number:	09730029
Patent Number:	6315367
Application Number:	09474353
Patent Number:	6325466
Application Number:	09732127
Application Number:	09836531
Application Number:	09725528
Application Number:	09862970
Patent Number:	6286908
Application Number:	09542268
Patent Number:	6282788
Patent Number:	D302003
Patent Number:	4419908
Patent Number:	4569713
Patent Number:	5579578
Patent Number:	6240638

Patent Number:	5620236
Patent Number:	5591386
Patent Number:	5435631
Patent Number:	5553647
Patent Number:	5896912
Patent Number:	6234131
Patent Number:	6136064
Patent Number:	5569496
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Patent Number:	5653040
Patent Number:	5850036
Patent Number:	5647426
Patent Number:	5595423
Patent Number:	5651590
Patent Number:	5562007
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Patent Number:	6234130
Patent Number:	5219441
Patent Number:	5564792
Patent Number:	D379798
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Patent Number:	5832609
Patent Number:	5647126
Patent Number:	6199530
Patent Number:	5997801
Patent Number:	5947696
Patent Number:	5988763
Patent Number:	5779951
Patent Number:	6213563

Patent Number:	5603447
Patent Number:	5949147
Patent Number:	6036280
Patent Number:	5997102
Patent Number:	6045196
Patent Number:	6039410
Patent Number:	6234129
Patent Number:	D404365
Patent Number:	6007158
Patent Number:	6270167
Patent Number:	6126174
Patent Number:	6189357
Patent Number:	5800025
Patent Number:	5785393
Patent Number:	5782542
Patent Number:	6068350
Patent Number:	5728426
Patent Number:	6089815
Patent Number:	6170918
Patent Number:	6024159
Patent Number:	6238006
Patent Number:	6186218
Patent Number:	6318143
Application Number:	09751306

CORRESPONDENCE DATA

Fax Number: (212)455-2502
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 Address Line 2: 425 Lexington Avenue
 Address Line 4: New York, NEW YORK 10017

ATTORNEY DOCKET NUMBER:	015571/0240
NAME OF SUBMITTER:	Mark Solomon

Total Attachments: 30

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**RELEASE OF SECURITY INTEREST IN PATENTS, TRADEMARKS AND
COPYRIGHTS**

WHEREAS, pursuant to that certain Fourth Amended and Restated Copyright, Patent and Trademark Security Agreement, dated July 2, 2001 (collectively, the "Security Agreement"), recorded in the United States Patent and Trademark Office at Reel 12211, Frame 425; Reel 12232, Frame 852; Reel 12232, Frame 902; Reel 12232, Frame 924; Reel 2383, Frame 619; Reel 2383, Frame 640; and Reel 2383, Frame 661, and in the Copyright Office of the United States at Volume 3475, Page 461, the parties listed on Schedule A attached hereto (collectively, "Releasees") granted to Canadian Imperial Bank of Commerce ("Releasor"), as administrative agent for itself and various other financial institutions, a security interest in all right, title and interest of Releasees in and to the patents and trademarks listed on Schedule B attached hereto (the "Patents and Trademarks") and in the copyrights listed on Schedule B attached hereto (the "Copyrights"); and

WHEREAS, Releasor wishes to provide a document suitable for recording in the United States Patent and Trademark office for purposes of recording the release, relinquishment and discharge of its security interest in the Patents and Trademarks; and

WHEREAS, Releasor wishes to provide a document suitable for recording in the Copyright Office of the United States for purposes of recording the release, relinquishment and discharge of its security interest in the Copyrights.

NOW, THEREFORE, in consideration of and in exchange for good and valuable consideration, Releasor hereby relinquishes, releases and discharges its security interest in the Patents and Trademarks and in the Copyrights conveyed to Releasor pursuant to the Security Agreements and/or any other agreement, and Releasor hereby reassigns any and all such right, title and interest that it may have in the Patents and Trademarks and in the Copyrights to Releasees. Releasor further agrees to execute and deliver to Releasees any and all further documents or instruments and do any and all further acts which Releasees (or Releasees' agents or designees) reasonably request in order to confirm Releasees' right, title and interest in and to the Patents and Trademarks and the Copyrights.

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IN WITNESS WHEREOF, the parties have caused this Release of Security Interest in Patents to be duly executed as of December 20, 2005.

Canadian Imperial Bank of Commerce,
as administrative agent

By: Charles Mulken
Its: Authorized Signatory

STATE OF New York)
COUNTY OF New York) Ss:

The foregoing Release of Security Interest in Patents was executed and acknowledged before me this 22nd day of December 2005 by Charles Mulken, personally known to me to be the _____ of Canadian Imperial Bank of Commerce who being duly sworn, deposes and says that said instrument was signed on behalf of said entity described in and which executed the foregoing instrument, and that s/he was authorized to sign his/her name thereto on behalf of said entity.



PATRICIA OHARA
Notary Public, State of New York
No. 01OH5084561
Qualified in New York County
Commission Expires September 8, 2009

Schedule A

Hayes Lemmerz International, Inc.;
Hayes Lemmerz International-Ohio, Inc.;
Hayes Lemmerz International-California, Inc.;
Hayes Lemmerz International-Huntington, Inc.;
Hayes Lemmerz International-Howell, Inc.;
Hayes Lemmerz International-Georgia, Inc.;
Hayes Lemmerz International-Mexico, Inc.;
HLI (Europe), Ltd.;
Hayes Lemmerz International-Homer, Inc.;
Hayes Lemmerz International-Texas, Inc.;
Hayes Lemmerz International-Kentucky, Inc.;
Hayes Lemmerz International-CMI, Inc.;
Hayes Lemmerz International-Cadillac, Inc.;
Hayes Lemmerz International-Montague, Inc.;
Hayes Lemmerz International-Equipment & Engineering, Inc.;
Hayes Lemmerz International-Petersburg, Inc.;
HLI-Summerfield Realty Corp.;
Hayes Lemmerz International-Bristol, Inc.;
Hayes Lemmerz International-PCA, Inc.;
Hayes Lemmerz International-Southfield, Inc.;
Hayes Lemmerz International-Technical Center, Inc.;
HLI Realty, Inc.;
Hayes Lemmerz International-Laredo, Inc.;
Hayes Lemmerz International-Transportation, Inc.;
HLI-Ventures, Inc.; and
Hayes Lemmerz International-Wabash, Inc.

SCHEDULE B

See list of patents, trademarks and copyrights attached following this page.

Active US Patent Matters - HLI

<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
00002	US	HLI	VEHICLE WHEEL	Granted	DES	06/764823 8/12/85	D291296 8/11/87
00003	US	HLI	VEHICLE WHEEL	Granted	DES	06/764823 8/12/85	D291297 8/11/87
00004	US	HLI	VEHICLE WHEEL	Granted	DES	06/764827 8/12/85	D291298 8/11/87
00005	US	HLI	VEHICLE WHEEL	Granted	DES	06/764825 8/12/85	D291684 9/1/87
00006	US	HLI	VEHICLE WHEEL	Granted	DES	06/769514 8/26/85	D291796 9/8/87
00007	US	HLI	VEHICLE WHEEL	Granted	DES	06/764826 8/12/85	D292201 10/6/87
00008	US	HLI	VEHICLE WHEEL	Granted	DES	06/715220 3/22/85	D292280 10/13/87
00009	US	HLI	VEHICLE WHEEL	Granted	DES	06/806244 11/22/85	D292506 10/27/87
00010	US	HLI	VEHICLE WHEEL	Granted	DES	06/764824 8/12/85	D292507 10/27/87
00011	US	HLI	VEHICLE WHEEL	Granted	DES	06/764828	D292570

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)
10/9/2001

00229	US	HLI	ELECTRIC BRAKE CONTROL CIRCUIT	Granted	ORD	06/799081 11/18/85	4726627 2/23/88
00968	US	HLI	METHOD OF STRETCHING A WHEEL	Granted	ORD	07/341383 4/21/89	4962587 10/16/90
<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
00969	US	HLI	FLASHLESS D.C. BUTT WELDING ELECTRODE	Granted	ORD	07/408976 9/18/89	4983805 1/8/91
00971	US	HLI	FFM WHEEL	Granted	ORD	07/711498 5/31/91	5360261 11/1/94
01237	US	HLI	FABRICATED WHEEL HAVING A RADially INWARDLY EXTENDING DISC FACE	Granted	ORD	07/660464 2/22/91	5188429 2/23/93
01316	US	HLI	LOK-ALLOY PROCESS #1	Granted	ORD	08/083195 2/27/92	5336344 8/9/94
01351	US	HLI	FLOW SPUN DISC FOR FULL FACE WHEEL - ORIGINAL VERSION	Granted	ORD	08/054373 4/28/93	5295304 3/22/94
01442	US	HLI	MOLD AND METHOD OF MAKING SPOKED WHEEL	Granted	ORD	06/314541	4419908
01447	US	HLI	METHOD OF MAKING A WHEEL	Granted	ORD	10/26/81	12/13/83
01449	US	HLI	APPARATUS FOR MAKING FIBER REINFORCED	Granted	ORD	06/300531 9/9/81	4490079 12/25/84

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)
10/9/2001

ARMATURES

01450	US	HLI	TIRE AND WHEEL ASSEMBLY	Granted	ORD	5/29/84	2/11/86
						06/462575	4592121
						1/31/83	6/3/86
01711	US	HLI	CAST WHEEL REINFORCED WITH A METAL	Granted	ORD	08/133690	5433511
						10/7/93	7/18/95
01739	US	HLI	METHOD AND APPARATUS FOR CASTING	Granted	ORD	08/236733	5427171
						5/2/94	6/27/95

<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
01872	US	HLI	FULL FACE FABRICATED VEHICLE WHEEL	Granted	ORD	08/126840 9/24/93	5435632 7/25/95
01888	US	HLI	SPUN THEN ROLLED RIM FOR WHEEL	Granted	ORD	08/144113 10/27/93	5579578 12/3/96
01921	US	HLI	FFC "SPLIT RIM"	Granted	CON	07/906492 6/30/92	6240638 6/5/01
02050	US	HLI	LOK-ALLOY PROCESS #2	Granted	ORD	08/023294 6/23/93	5340418 8/23/94
02087	US	HLI	WELD-THEN-SPIN FABRICATED WHEEL	Granted	ORD	08/368167 12/30/94	5533261 7/9/96
02208	US	HLI	BIMETAL FULL FACE WHEEL	Granted	ORD	08/187928 1/27/94	5421642 6/6/95
02317	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER	Granted	ORD	08/313703	5620236

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)
10/9/2001

02328	US	HLI	IMPROVED FLOW SPUN DISC (PN 96)	Granted	ORD	9/27/94	4/15/97
02363	US	HLI	WHEEL SPACE FILLER	Granted	ORD	08/144164 10/27/93	5345676 9/13/94
02418	US	HLI	LOK-ALLOY PROCESS #3	Granted	ORD	08/214923 3/17/94	5591386 1/7/97
02445	US	HLI	VEHICLE WHEEL HAVING A TINNERMAN NUT	Granted	ORD	08/294167 8/22/94	5536337 7/16/96
						08/187944 1/27/94	5490720 2/13/96

<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
02459	US	HLI	ALUMINUM FULL FACE VEHICLE WHEEL	Granted	ORD	08/176587 1/3/94	5435633 7/25/95
02485	US	HLI	T-RETENTION GROOVE FOR WHEEL COVER SKIN	Granted	ORD	08/203058 2/28/94	5435631 7/25/95
02516	US	HLI	TIRE INFLATION CONTROL SYSTEM	Granted	ORD	08/355725 12/14/94	5553647 9/10/96
02693	US	HLI	FFC "METHOD"	Granted	ORD	08/179010 1/7/94	5548896 8/27/96
02760	US	HLI	PRESSURIZED BALL AND GATE RISERS FOR GRAVITY CAST WHEEL MOLD	Granted	ORD	08/744851 11/8/96	5896912 4/27/99
02810	US	HLI	PLASMA SPRAY - FURTHER APPLICATIONS	Granted	ORD	08/356091	5569496

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)

02816	US	HLI	PLASMA SPRAY - FABRICATION OF BIMETAL WHEEL	Granted	ORD	12/15/94	10/29/96
02862	US	HLI	WHEEL FIXTURE FOR DOUBLE BEAD SEAT MACHINING	Granted	ORD	08/357685 12/16/94	5526977 6/18/96
02865	US	HLI	METHOD FOR STAMPING AN ALUMINUM WHEEL DISC USING DEEPENED BOWL	Granted	ORD	08/553212 11/7/95	5562007 10/8/96
02871	US	HLI	CHIP MELTING SYSTEM	Granted	ORD	08/356416 12/15/94	5694687 12/9/97
02930	US	HLI	EURO-FLANGE FOR WELL ATTACHED FFM WHEEL	Granted	ORD	08/512500 8/8/95	5705123 1/6/98
03016	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER	Granted	DES	28954 9/26/94	5564792 10/15/96
03025	US	HLI	REMOTE MANUAL SWITCH	Granted	DES	29/032636 12/22/94	D379798 6/10/97
03030	US	HLI	CAST IN COUNTER BALANCE FOR A TWO PIECE WHEEL	Granted	ORD	08/366291 12/28/94	5647642 7/15/97
03096	US	HLI	WHEEL WELDING STATION WITH CROSSED STRAIGHT WELDING TORHLIES	Granted	ORD	08/538373 10/3/95	5603447 2/18/97
03155	US	HLI	VEHICLE WHEEL HAVING NON-PLATED TIRE	Granted	ORD	08/423179	5632529

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)

BEAD SEATS

03157	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER	Granted	ORD	4/18/95	5/27/97
03188	US	HLI	IMPROVED T-RETENTION GROOVE FOR WHEEL	Granted	ORD	08/572930 12/15/95	5615930 4/1/97
03244	US	HLI	ONE TOUCH FACE GAGE FOR VEHICLE WHEELS	Granted	ORD	08/389867 2/23/95	5664845 9/9/97
03258	US	HLI	HELIUM MASS SPECTROMETER WHEEL LEAK DETECTION AND QUANTIFICATION SYSTEM	Granted	ORD	08/547173 10/24/95	5653040 8/5/97
03262	US	HLI	GRAVITY CAST MOLD WITH TAPERED SIDEWALLS	Granted	ORD	08/922803 9/3/97	5850036 12/15/98
03305	US	HLI	WHEEL COVER SKIN-COVERS DISC AND OUTBOARD FLANGE	Granted	ORD	08/486662 6/7/95	5647426 7/15/97
03413	US	HLI	BILEVEL CAST ALUMINUM WHEEL	Granted	ORD	08/569023 12/7/95	5595423 1/21/97

<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
03447	US	HLI	TWO PIECE VEHICLE WHEEL WITH MECHANICALLY LOCKED SECTIONS	Granted	ORD	08/902181 7/29/97	5803553 9/8/98
03593	US	HLI	CHAMFERED WELD FOR ALUMINUM FULL FACE WHEEL	Granted	ORD	08/505141 7/21/95	5558407 9/24/96
03693	US	HLI	AIR TIGHT ASSURANCE PROCESS	Granted	ORD	09/204532 12/3/98	6158820 12/12/00

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10/9/2001

03777	US	HLI	TAILOR WELDED BLANK/COIL RIM PROCESS	Granted	ORD	08/826640 4/4/97	5832609 11/10/98
03811	US	HLI	METHOD FOR FABRICATION OF A TWO PIECE VEHICLE WHEEL HAVING A ROLLED CONNECTION BETWEEN SECTIONS	Granted	ORD	08/569622 12/8/95	5647126 7/15/97
03844	US	HLI	PENDULUM DRIVEN PISTON TIRE PUMP	Granted	ORD	08/904135 7/31/97	5947696 9/7/99
03891	US	HLI	TWO PIECE WHEEL WITH LOCKING RING	Granted	ORD	08/844172 4/18/97	5988763 11/23/99
03924	US	HLI	NON VACUUM ELECTRON BEAM WELDING OF FFM ALUMINUM WHEELS	Pending	PCT	09/340351 6/25/99	
03994	US	HLI	WELDING MONITORING AND CONTROL SYSTEM	Granted	ORD	06/315025 10/26/81	4447698 5/8/84
04009	US	HLI	FULL FACE WHEEL ENTRAPMENT FILLER	Granted	ORD	08/779587 1/7/97	5779951 7/14/98
04010	US	HLI	PROCESS FOR FORGING A NEAR NET WHEEL CASTING	Pending	PCT	09/421211 10/20/99	

<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
04027	US	HLI	FULL FACE WHEEL DISC WITH HUMP TO RECEIVE RIM JOINT	Granted	PCT	09/338088 6/23/99	6213563 4/10/01
04127	US	HLI	SHORT CIRCUIT SAFETY AUDIBLE MONITOR	Granted	ORD	08/862597	5949147

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)

10/9/2001

04186	US	HLI	PRESS FIT TWO PIECE VEHICLE WHEEL	Granted	ORD	5/23/97	9/7/99
04187	US	HLI	PINNED TWO PIECE VEHICLE WHEEL	Granted	ORD	09/126800 7/31/98	6036280 3/14/00
04188	US	HLI	BIMETAL VEHICLE WHEEL WITH BIMETAL TRANSITION INSERT	Granted	ORD	09/182132 10/29/98	5997102 12/7/99
04215	US	HLI	SPUN FORMED TWO PIECE ALUMINUM WHEEL	Pending	ORD	08/899260 7/23/97	6045196 4/4/00
04274	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER WITH BRAKE CURRENT INTERRUPT	Granted	ORD	09/004984 1/9/98	6039410 3/21/00
04351	US	HLI	VEHICLE WHEEL COVER RETENTION SYSTEM AND METHOD FOR PRODUCING SAME	Allowed	ORD	09/6362 8/10/00	6270167 8/7/01
04371	US	HLI	TWO PIECE WHEEL SKIN TO COMPLETELY COVER DISC AND OUTBOARD FLANGE	Pending	PCT	09/557427 4/25/00	
04407	US	HLI	MACHINE PILOT BORE, INBOARD AND OUTBOARD BEAD SEAT IN ONE OPERATION	Granted	ORD	09/170877 10/13/98	6126174 10/3/00
04408	US	HLI	SPUN FORMED SPLIT RIM PROCESS	Granted	ORD	08/960008 10/29/97	6189357 2/20/01

<u>MST#</u>	<u>Country</u>	<u>Owner*</u>	<u>Title</u>	<u>Status</u>	<u>Type</u>	<u>Appl. No./ Filing Date</u>	<u>Patent No./ Issue Date</u>
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- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)
10/9/2001

04501	US	HLI	ONE PIECE CAST VEHICLE WHEEL HAVING A CIRCUMFERENTIAL LIGHTNER POCKET	Pending	PCT	09/421724 10/20/99	
04599	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER WITH SLIP MODE	Granted	ORD	08/802378 2/19/97	5800025 9/1/98
04600	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER WITH PENDULUM ZERO ADJUST	Granted	ORD	08/802379 2/19/97	5785393 7/28/98
04601	US	HLI	ELECTRONIC TRAILER BRAKE CONTROLLER WITH REMOTE MANUAL CONTROL	Granted	ORD	08/802359 2/19/97	5782542 7/21/98
04604	US	HLI	ONE-PIECE CAST ALUMINUM "BACKBONE" WHEEL	Granted	PCT	09/318901 5/26/99	6068350 5/30/00
04678	US	HLI	PROCESS FOR FORMING A VEHICLE WHEEL DISC DIRECTLY UPON A VEHICLE WHEEL RIM	Pending	PCT	09/422686 10/21/99	
04714	US	HLI	20 X 10 TAKE APART WHEEL HAVING TRI-TAP SEAL WITH REDUCED WHEEL WELDS	Pending	PCT	09/351959 7/12/99	
04853	US	HLI	PLATED VEHICLE WHEEL HAVING NON-PLATED TIRE BEAD SEATS	Granted	ORD	08/803490 2/20/97	5728426 3/17/98
04867	US	HLI	FULL FACE WHEEL WITH SLIDING FIT DISC AND RIM	Pending	PCT	09/43952 11/12/99	
04906	US	HLI-O	PAPERBOARD WHEEL SEPARATOR	Granted	ORD	08/999668 10/13/97	5826716 10/27/98
04912	US	HLI-O	ONE-PIECE ALUMINUM WHEEL (AIR SPINNING)	Granted	ORD	08/569499 12/8/95	5740609 4/21/98

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05000	US	HLI-O	VARIABLE OFFSET FULL FACE WHEEL AND METHOD FOR PRODUCING SAME	Granted	ORD	08/165079 12/10/93	5509726 4/23/96
05001	US	HLI-O	FIBER REINFORCED RESIN VEHICLE WHEEL MOUNTING	Granted	ORD	07/405753 9/11/89	5022712 6/11/91
05002	US	HLI-O	SAFETY TIRE AND TAKE APART WHEEL CONSTRUCTION	Granted	ORD	07/432163 11/6/89	5022450 6/11/91
05004	US	HLI-O	WHEEL FORMING METHOD TO CORRECT PNEUMATIC TIRE ROTATIONAL NONUNIFORMITY	Granted	ORD	06/707137 3/1/85	4646434 3/3/87
05007	US	HLI-O	FULL FACE WHEEL HAVING RADially IN-TURNED RIM FLANGE	Granted	ORD	06/709660 3/7/85	4610482 9/9/86
05009	US	HLI-O	COMPRESSION MOLD FOR FIBER REINFORCED COMPOSITE WHEEL	Granted	ORD	255445 10/11/88	4927347 5/22/90
05010	US	HLI-O	METHOD AND APPARATUS FOR WHEEL MANUFACTURE (PIERCE AND SHAVE PUNHLI)	Granted	ORD	07/291551 12/29/88	4897909 2/6/90
05011	US	HLI-O	TWO PIECE REMOVABLE DECK POLYCAST MOLD AND EXPANDABLE LID SEAL	Granted	ORD	07/443412 1/30/89	5059106 11/22/91
05017	US	HLI-O	POLYSHIELD VEHICLE WHEEL	Granted	ORD	06/778973 9/23/85	4659148 4/21/87
05018	US	HLI-O	CONTROLLED ECCENTRICITY STYLED WHEEL MANUFACTURE AND APPARATUS	Granted	ORD	06/846365 3/31/86	4736611 4/12/88

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05019	US	HLI-O	METHOD OF SEALING TAKE APART TUBELESS WHEELS (TRI-TRAP)	Granted	ORD	07/030845 3/27/87	4836261 6/6/89
05020	US	HLI-O	POLYCAST WHEEL ENCAPSULATED ORNAMENT RETAINER	Granted	ORD	06/788156 10/16/85	4682820 7/28/87
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05022	US	HLI-O	VARIABLE OFFSET FULL FACE WHEEL AND METHOD AND APPARATUS FOR SAME	Granted	ORD	08/255110 6/7/94	5517759 5/21/96
05023	US	HLI-O	METHOD AND APPARATUS FOR PRODUCING VEHICLE WHEEL RIMS	Granted	ORD	08/165910 12/14/93	5452599 9/26/95
05024	US	HLI-O	METHOD OF PRODUCING MULTI-PIECE NON-TAKE APART WHEEL	Granted	ORD	08/324335 10/17/94	5533260 7/9/96
05026	US	HLI-O	WEIGHT REDUCTION DEVICE FOR POLYCAST WHEEL	Granted	ORD	353009 5/17/89	4976497 12/11/90
05027	US	HLI-O	APPARATUS FOR WHEEL TO CORRECT ROTATIONAL NONUNIFORMITY OF TIRE AND WHEEL ASSEMBLY	Granted	ORD	132269 12/14/87	4819472 4/11/89
05028	US	HLI-O	METHOD TO CORRECT ROTATIONAL NONUNIFORMITY OF PNEUMATIC WHEEL	Granted	ORD	133002 12/15/87	4815186 3/28/89
05029	US	HLI-O	FIBER-REINFORCED COMPOSITE WHEEL	Granted	ORD	121154 11/16/87	RE32949 6/13/89
05037	US	HLI-O	SELF-CLEANING ROAD WHEEL FOR TRACK LAYING VEHICLE	Granted	ORD	06/356457 3/9/82	4449756 5/22/84

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05038	US	HLI-O	SAFETY TIRE AND WHEEL ASSEMBLY AND METHOD FOR SAME	Granted	ORD	06/439565 11/5/82	4481997 11/13/84
05039	US	HLI-O	METHOD TO COLLECT ROTATIONAL NONUNIFORMITY OF TIRE AND WHEEL	Granted	ORD	06/615074 5/29/84	4573338 3/4/86
05040	US	HLI-O	DRAW SPINNING OF INTEGRAL WHEEL RIM AND DISC SEGMENTS	Granted	ORD	06/596143 4/2/84	4554810 11/26/85
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05041	US	HLI-O	FIBER REINFORCED COMPOSITE WHEELS	Granted	ORD	06/559623 12/12/83	4514013 4/30/85
05044	US	HLI-O	FIBER REINFORCED WHEEL DESIGN	Granted	DES	06/782111 9/30/85	D292692 11/10/87
05045	US	HLI-O	METHOD AND APPARATUS FOR EDGE PREPARATION OF SPINNING BLANKS	Granted	ORD	06/696335 1/30/85	4606206 8/19/86
05048	US	HLI-O	POLYCAST CAP RETAINER CONCEPTS	Granted	ORD	07/019709 2/27/87	4790605 12/13/88
05049	US	HLI-O	APPARATUS TO CORRECT ROTATIONAL NONUNIFORMITY OF PNEUMATIC TIRE AND WHEEL	Granted	ORD	06/924834 10/30/86	4733448 3/29/88
05050	US	HLI-O	SAFETY TIRE AND RIM COMBINATION WITH SAFETY INSERT	Granted	ORD	07/129050 12/7/87	4823854 4/25/89
05051	US	HLI-O	APPARATUS TO CORRECT ROTATIONAL NONUNIFORMITY OF PNEUMATIC TIRE AND WHEEL	Granted	ORD	07/305644 3/3/89	4917440 4/17/90

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05053	US	HLI-O	WEDGE SHAPED POUR SPRUE	Granted	ORD	07/345427 5/1/89	5098272 3/24/92
05054	US	HLI-O	ASSEMBLY STATION TO REDUCE LATERAL RUNOUT OF WHEEL DISC	Granted	ORD	07/825579 1/24/92	5193274 3/16/93
05063	US	HLI-O	COMPOSITE ELASTOMER STYLED WHEEL AND METHOD AND APPARATUS	Granted	ORD	07/584810 9/19/90	5088798 2/18/92
05064	US	HLI-O	METHOD OF MAKING COMPOSITE STYLED WHEEL (WEIGHT REDUCTION DEVICE)	Granted	ORD	07/564382 8/8/90	5128085 7/7/92
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05065	US	HLI-O	VEHICLE WHEEL AND METHOD OF MANUFACTURE (THREE PIECE WHEEL)	Granted	ORD	08/031272 3/15/93	5380071 1/10/95
05066	US	HLI-O	FIBER REINFORCED RESIN VEHICLE WHEEL MOUNTING	Granted	ORD	07/685833 4/16/91	5123711 6/23/92
05067	US	HLI-O	APPARATUS FOR WHEEL MANUFACTURE (HYDRAULIC ADJUSTMENT FOR FIRST HARMONIC	Granted	ORD	07/890799 6/1/92	5257569 11/2/93
05068	US	HLI-O	SAFETY TIRE AND TAKE APART WHEEL (TUBE VALVE EXCLUSION INSERT)	Granted	ORD	07/769000 9/30/91	5215137 6/1/93
05069	US	HLI-O	NON-PNEUMATIC SPARE WHEEL AND TIRE	Granted	ORD	07/722970 6/28/91	5174634 12/29/92
05070	US	HLI-O	WHEEL FOR TRACK LAYING VEHICLE	Granted	ORD	07/807347 12/16/91	RE34909 4/18/95

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05071	US	HLI-O	APPARATUS FOR MAKING WHEEL DISC (ROUNDING ANNULAR SEGMENT OF DISC BAND)	Granted	ORD	08/133888 0/12/93	5338330 2/14/95
05072	US	HLI-O	APPARATUS FOR MAKING WHEEL DISC (ROUNDING ANNULAR SEGMENT OF DISC BAND)	Granted	ORD	08/311955 9/26/94	5568745 10/29/96
05073	US	HLI-O	APPARATUS FOR MAKING WHEEL DISC (ROUNDING ANNULAR SEGMENT OF DISC BAND)	Granted	ORD	08/439182 5/11/95	5544945 8/13/96
05074	US	HLI-O	COMPOSITE METAL ELASTOMER STYLED WHEEL AND METHOD AND APPARATUS	Granted	ORD	08/383957 2/6/95	5874037 2/23/99
05075	US	HLI-O	VARIABLE OFFSET FULL FACE WHEEL	Granted	ORD	08/560905 11/20/95	5639147 6/17/97
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05076	US	HLI-O	MOLDING COMPOSITION	Granted	ORD	06/536032 9/26/83	4489184 12/18/84
05079	US	HLI-O	METHOD FOR MAKING VARIABLE OFFSET WHEEL	Granted	ORD	08/453226 5/30/95	5551151 9/3/96
05095	US	HLI-O	APPARATUS FOR MANUFACTURE OF VEHICLE WHEELS	Granted	ORD	863021 5/20/92	5235886 8/17/93
05098	US	HLI-O	APPARATUS FOR MAKING A FULL FACE WHEEL	Granted	ORD	08/451275 5/30/95	5515709 5/14/96
05099	US	HLI-O	METHOD AND APPARATUS FOR PRODUCING WHEEL RIMS	Granted	ORD	08/221063 3/31/94	5531024 7/2/96

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05130	US	HLI	ROBO BASKET FOR RIM TRANSFER	Granted	ORD	09/026998 2/23/98	6089815 7/18/00
05234	US	HLI-O	VEHICLE RIM WITH TIRE BEAD RETAINING HUMPS	Granted	ORD	06/768380 8/22/85	4606390 8/19/86
05235	US	HLI-O	BAR CODE CONFIGURATION AND METHOD OF MOLDING	Granted	ORD	06/583780 2/27/84	4625101 11/25/86
05285	US	HLI	FFC FIESTA WHEEL	Granted	ORD	08/916853 8/22/97	6170918 1/9/01
05379	US	HLI	VEHICLE WHEEL COVER RETENTION SYSTEM AND METHOD FOR PRODUCING SAME	Granted	ORD	08/886264 7/1/97	6007158 12/28/99
05415	US	HLI	FLEXIBLE STYLING MODULAR WHEEL MOLD	Granted	ORD	09/270624 3/17/99	6186218 2/13/01

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05718	US	HLI	DIE TO ASSEMBLE DISC AND RIM TO PROVIDE REDUCED RUNOUT	Pending	PCT	09/888135 6/22/01	
05759	US	HLI	VEHICLE WHEEL AND METHOD OF PRODUCING SAME	Allowed	PCT	09/605181 6/28/00	
05760	US	HLI	LIGHT WEIGHT CAST WHEEL AND APPARATUS FOR CASTING SAME	Allowed	PCT	09/607797 6/30/00	
05761	US	HLI	DM WHEEL FLANGE GROOVE FOR RELIEVING	Granted	ORD	09/439518	6238006

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05779	US	HLI	WHEEL WEIGHT BARB	Granted	DES	11/12/99	5/29/01
			ELECTRONIC BRAKE CONTROLLER HOUSING (DESIGN)			29/079785	D404365
						11/25/97	1/19/99
05813	US	HLI	HOLLOW CORE INSERT FOR CAST WHEELS	Pending	ORD	09/474353	
						12/29/99	
05880	US	HLI	METHOD FOR LIGHTWEIGHT WHEEL CASTING USING ALUMINUM FOAM	Pending	ORD	09/452564	
						12/1/99	
05892	US	HLI	METAL CHIP RECLAMATION SYSTEM	Granted	ORD	09/002831	5997801
						1/5/98	12/7/99
05927	US	HLI	AUTO REFILL FOR LOW PRESSURE CASTING MACHINE	Pending	ORD	09/321024	
						5/27/99	
20107	US	HLI	WHEEL ASSEMBLY HAVING A WHEEL DISC SKIRT WITH A CONICAL SURFACE	Granted	ORD	07/870355	5219441
						4/17/92	6/15/93
20144	US	HLI	RUNOUT CORRECTION PROCESS FOR INBOARD TIRE SEAT OF FULL FACE WHEELS	Pending	PCT	09/830436	
						4/25/01	
20306	US	HLI	PROCESS FOR VIBRATORY CASTING OF VEHICLE WHEELS	Pending	PCT	09/760074	
						1/12/01	

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20380	US	HLI	IMPROVED FULL FACE WHEEL RIM CURL FOR IMPROVED FACE FLEXIBILITY	Pending	PCT	09/871715 6/1/01	
20445	US	HLI	GRAVITY CASTING METHOD FOR MOTORCYCLE WHEELS	Pending	ORD	09/473379 12/28/99	

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20484	US	HLI	RETRACTABLE BALL RISER CAP	Pending	ORD	09/474520 12/29/99
20646	US	HLI	CORROSION RESISTANT BRIGHT FINISH FOR LIGHT WEIGHT VEHICLE WHEELS	Pending	ORD	09/731401 12/6/00
20780	US	HLI	BEADING PPROCESS FOR FULL WRAP-AROUND CLAD WHEELS	Pending	PCT	09/831699 5/11/01
21113	US	HLI	OVERMOLDED UNIVERSAL VEHICLE WHEEL	Pending	PCT	09/542268 4/4/00
21127	US	HLI	ELECTRONIC BRAKE CONTROLLER ENHANCEMENTS	Pending	ORD	09/302813 4/30/99
21192	US	HLI	FULL FACE WHEEL WITH CHEMICAL BOND BETWEEN DISC AND RIM	Pending	ORD	09/732127 12/7/00
21193	US	HLI	PROCESS OF PRODUCING PARTIAL WHEEL RIM FOR FULL FACE VEHICLE WHEEL	Pending	ORD	09/796119 2/28/01
21194	US	HLI	FULL FACE WHEEL WITH SLIP FIT JOINT BETWEEN DISC AND RIM	Pending	ORD	09/732133 12/7/00
21220	US	HLI	UNIVERSAL PAINT HOOK	Pending	ORD	09/521923 3/9/00

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21239	US	HLI	NON-CIRCULAR AS CAST RIM FOR SIDE GATED	Pending	ORD	09/469990	
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WHEEL CASTINGS

21317	US	HLI	METHOD FOR CLARGING A REVERBRATORY FURNACE WITH METAL CHIPS	Granted	ORD	09/300568 4/27/99	12/22/99	6136064 10/24/00
21534	US	HLI	ONE PIECE INNER SHELL FOR VIBRATION WELDED POLYMER INTAKE MANIFOLD	Granted	ORD	09/475862 12/30/99		6234129 5/22/01
21589	US	HLI	SQUEEZE CAST BLOCK AND METHOD FOR PRODUCING SAME	Pending	ORD	09/539098 3/30/00		
21606	US	HLI-C	VACUUM ASSISTED GRAVITY POUR CASTING APPARATUS	Granted	ORD	08/026699 3/5/93		5358027 10/25/94
21607	US	HLI-C	CASTING CORE FOR FORMING AN INTERCONNECTING CAMSHAFT GALLERY AND OIL GALLERY IN A CAST CYLINDER BLOCK	Granted	ORD	07/920606 7/27/92		5280822 1/25/94
21609	US	HLI-C	CASTING CORE AND METHOD FOR CAST-IN-PLACE ATTACHMENT OF A CYLINDER LINER TO A CYLINDER BLOCK	Granted	ORD	07/920603 7/27/92		5361823 11/8/94
21610	US	HLI-C	TUBULAR INTAKE MANIFOLD AND METHOD FOR MAKING SAME	Granted	ORD	07/821636 1/15/92		5253616 10/19/93
21611	US	HLI-C	COUNTERGRAVITY CASTING APPARATUS AND METHOD	Granted	ORD	07/821767 1/15/92		5230379 7/27/93
21612	US	HLI-C	ALLUCORE PROCESS	Granted	ORD	08/633101 4/16/96		5992500 11/30/99
21614	US	HLI-C	METHOD OF SQUEEZE CASTING METAL ARTICLES USING MELT-OUT METAL	Granted	ORD	08/150846 11/12/93		5355933 10/18/94

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21617	US	HLL-C	METHOD FOR METALLURGICALLY BONDING CYLINDER LINERS TO A CYLINDER BLOCK OF AN INTERNAL COMBUSTION ENGINE	Granted	ORD	07/821763 1/15/92	5280820 1/25/94
21618	US	HLL-C	METHOD FOR METALLURGICALLY BONDING PRESSED IN CYLINDER LINERS TO A CYLINDER BLOCK	Granted	ORD	07/822537 1/15/92	5183854 2/2/93
21619	US	HLL-C	MULTI-SURFACE FLAME HARDENING MAHLINE AND PROCESS	Granted	ORD	07/885290 5/18/92	5256217 10/26/93
21620	US	HLL-C	INDUCTION HEATED METAL POURING APPARATUS	Granted	ORD	07/985018 12/3/92	5282608 2/1/94
21621	US	HLL-C	APPARATUS AND METHOD FOR CONTROLLING A STOPPER ROD OF A BOTTOM POURING VESSEL	Granted	ORD	07/992262 12/14/92	5312090 5/17/94
21639	US	HLL-C	PORTABLE BULK STORAGE CONTAINER	Granted	ORD	08/160603 12/1/93	5385233 1/31/95
21654	US	HLL-C	CASTING MACHINE HOLD-DOWN SYSTEM	Granted	ORD	08/593823 1/30/96	5671799 9/30/97
21655	US	HLL-C	CASTING MACHINE OPERATING SYSTEM	Granted	ORD	08/594310 1/30/96	5598882 2/4/97
21657	US	HLL-C	ABRASIVE MACHINING ASSEMBLY	Granted	ORD	08/731027 10/9/96	5718619 2/17/98
21658	US	HLL-C	DISC WITH COOLANT PASSAGES FOR AN ABRASIVE MACHINING ASSEMBLY	Granted	ORD	08/731032 10/9/96	5674116 10/7/97

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21659	US	HLI-C	CASTING MACHINE LOADING SYSTEM	Granted	ORD	08/593502 1/30/96	5601135 2/11/97
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21670	US	HLI	IMPROVED SQUEEZE CASTING WITH MELT OUT CONE	Granted	ORD	09/060798 4/14/98	6024159 2/15/00
21723	US	HLI	METHOD AND APPARATUS FOR PRODUCING A VEHICLE WHEEL	Pending	ORD	09/707232 11/6/00	
21769	US	HLI	360 RUNNER WRAP WELD JOINT FOR ONE PIECE INNER SHELL OF A VIBRATION WELDED POLYMER	Granted	ORD	09/475865 12/30/99	6234131 5/22/01
21770	US	HLI	INTEGRALLY MOLDED COMPONENTS FOR TOP AND BOTTOM SHELLS OF A VIBRATION WELDED POLYMER INTAKE MANIFOLD	Granted	ORD	09/475864 12/30/99	6234130 5/22/01
21771	US	HLI	STRAIGHT WELD JOINT FOR TOP AND BOTTOM SHELLS OF A VIBRATION WELDED POLYMER INTAKE MANIFOLD	Granted	ORD	09/476476 12/30/99	6199530 3/13/01
21811	US	HLI	FULL FACE VEHICLE WHEEL AND METHOD FOR PRODUCING SAME	Pending	ORD	09/593972 6/13/00	
21834	US	HLI	APPARATUS FOR PRODUCING A WHEEL RIM	Pending	ORD	09/578134 5/24/00	
21970	US	HLI	METHOD FOR CONTROLLING THE FILLING OF A MOLD CAVITY OF A CASTING MAHLIINE	Pending	ORD	09/753235 12/29/00	

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22059	US	HLI	VEHICLE WHEEL COVER RETENTION SYSTEM AND METHOD FOR PRODUCING SAME	Allowed	ORD	09/473237 12/27/99	
22083	US	HLI	APPARATUS AND METHOD FOR PRODUCING CAST PRODUCTS	Pending	ORD	09/836531 4/17/01	
22189	US	HLI	TOOL AND PROCESS FOR FINISHING A VEHICLE WHEEL SURFACE	Pending	ORD	09/725528 11/29/00	
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22274	US	HLI	PENDULUM ASSEMBLY FOR AN ELECTRONIC BRAKE CONTROLLER	Pending	ORD	09/553292 4/20/00	
22304	US	HLI	METHOD FOR PRODUCING A FABRICATED VEHICLE WHEEL	Pending	ORD	09/664654 9/19/00	
22339	US	HLI	METHOD AND APPARATUS FOR PRODUCING FULL FACE VEHICLE WHEEL	Pending	ORD	09/815426 3/22/01	
22446	US	HLI	MAHLINING CELL DOUBLE ROLLER ROBOT GRIPPER BRACKET	Pending	ORD	09/871927 6/1/01	
22468	US	HLI	METHOD FOR PRODUCING A SAND CORE	Pending	ORD	09/751470 12/28/00	
22516	US	HLI	BASKET ASSEMBLY FOR WHEEL RIM TRANSFER	Pending	ORD	09/592476 6/9/00	
22611	US	HLI	STOPPER MODULE DEVICE FOR A CASTING MAHLINE FURNACE APPARATUS	Pending	ORD	09/751326 12/28/00	
22750	US	HLI	BRAKE FOR A ROTARY TURNTABLE	Pending	ORD	09/751306	

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22795	US	HLI	VEHICLE WHEEL COVER RETENTION SYSTEM	Pending	ORD	12/28/00 09/730029 12/5/00
23163	US	HLI	COMPOSITE INTAKE MANIFOLD ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR PRODUCING SAME	Pending	ORD	09/862970 5/22/01

- * HLI (Hayes Lemmerz International, Inc.); HLI-C (Hayes Lemmerz International - CMI, Inc.); HLI-O (Hayes Lemmerz International - Ohio, Inc.)
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