

RECOF  
TR/

09-15-1999

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark

MRD 9-15-99



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101146420

To the Honorable Commissioner of Patents and Trademarks

and original documents or copy thereof

1. Name of conveying party(ies):

Standard Havens Products, Inc.  
916 16th Street, N.E.  
Cedar Rapids, IA 52402

- Individual(s)
- General Partnership
- Corporation-State
- Other
- Association
- Limited Partnership

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

2. Name and address of receiving party(ies):

Name: Credit Suisse First Boston as Collateral Agent

Internal Address: \_\_\_\_\_

Street Address: 11 Madison Avenue

City: New York State: NY ZIP: 10010

- Individual(s) citizenship \_\_\_\_\_
- Association \_\_\_\_\_
- General Partnership \_\_\_\_\_
- Limited Partnership \_\_\_\_\_
- Corporation-State NY
- 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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: August 23, 1999

4. Application number(s) or registration number(s):

A. Trademark Application No.(s)

B. Trademark registration No.(s)

See attached Schedule

TM

Additional numbers attached?  Yes  No

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

Name: MacKenzie Henry

Internal Address: Cravath, Swaine & Moore

Worldwide Plaza

44th Floor

Street Address: 825 Eighth Avenue

City: New York State: NY ZIP: 10019

6. Total number of applications and registrations involved: 2

7. Total fee (37 CFR 3.41): \$ 65<sup>-02</sup>

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

09/16/1999 MTHA11 00000081 1867996

DO NOT USE THIS SPACE

01 FC:481	40.00 OP
02 FC:482	25.00 OP

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.

MacKenzie Henry

*MacKenzie Henry*

TRADEMARK  
REEL: 001958 FRAME: 0149

TRADEMARKS

See attached schedule.

STANDARD HAVENS PRODUCTS, INC.  
 U.S. REGISTERED TRADEMARKS

TRADEMARK	REGISTRATION NUMBER	REGISTRATION DATE	RENEWAL DATE	STATE/ COUNTRY	GOODS
MAGNUM	1867996	12/20/94	12/20/04	UNITED STATES	ASPHALT MIXING EQUIPMENT, KNOWN AS HOT MIX ASPHALT SYSTEMS, COMPRISING DRUM MIXERS, SCREW, BELT AND DRAG SLAT CONVEYORS, MATERIAL BINS, BAGHOUSES, CONTROL HOUSES, ASPHALT TANKS AND SCALES, ALL SOLD AS A UNIT
SURG-STOR	922626	10/26/91	10/26/01	UNITED STATES	HOPPER BOTTOM STORAGE TANK FOR HOT ASPHALT MIX

SUPPLEMENT NO. 3 dated as of August 26, 1999, to the SECURITY AGREEMENT dated as of March 6, 1998, (as amended, supplemented or otherwise modified from time to time, the "*Security Agreement*") among TEREX CORPORATION, a Delaware corporation ("*Terex*"), each subsidiary of Terex listed on Schedule I thereto (each such subsidiary individually a "*Subsidiary Guarantor*" and collectively, the "*Subsidiary Guarantors*"; the Subsidiary Guarantors and Terex are referred to collectively herein as the "*Grantors*") and CREDIT SUISSE FIRST BOSTON, a bank organized under the laws of Switzerland, acting through its New York branch ("*CSFB*"), as collateral agent (in such capacity, the "*Collateral Agent*") for the Secured Parties (as defined herein).

A. Reference is made to the Credit Agreement dated as of March 6, 1998 (as amended, supplemented or otherwise modified from time to time, the "*Credit Agreement*"), among Terex, Terex Equipment Limited, a company organized under the laws of Scotland, P.P.M. S.A., a company organized under the laws of the Republic of France, Terex Mining (Australia) Pty. Ltd. (formerly known as Unit Rig (Australia) Pty. Ltd.), a company organized under the laws of New South Wales, P.P.M. Sp.A., a company organized under the laws of the Republic of Italy, Picadilly Maschinenhandel GMBH & Co. KG, a partnership organized under the laws of the Federal Republic of Germany, the Lenders (as defined in Article I thereto), the Issuing Banks (as defined in Article I thereto) and CSFB, as administrative agent and as collateral agent for the Lenders.

B. Capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Security Agreement.

C. The Grantors have entered into the Security Agreement in order to induce the Lenders to make Loans and the Issuing Banks to issue Letters of Credit. Section 7.15 of Security Agreement provides that additional Subsidiaries may become Grantors under the Security Agreement by execution and delivery of an instrument in the form of this Supplement. Each undersigned Subsidiary (a "*New Grantor*") is executing this Supplement in accordance with the requirements of the Credit Agreement to become a Grantor under the Security Agreement in order to induce the Lenders to make additional Loans and the Issuing Bank to issue additional Letters of Credit and as consideration for Loans previously made and Letters of Credit previously issued.

Accordingly, the Collateral Agent and each New Grantor agree as follows:

SECTION 1. In accordance with Section 7.15 of the Security Agreement, each New Grantor by its respective signature below becomes a Grantor under the Security Agreement with the same force and effect as if originally named therein as a Grantor and each New Grantor hereby (a) agrees to all the terms and provisions of the Security Agreement applicable to it as a Grantor thereunder and (b) represents and warrants that the representations and warranties made by it as a Grantor thereunder are true and correct on and as of the date hereof. In furtherance of the foregoing, each New Grantor, as security for the payment and performance in full of the Obligations, does hereby create and grant to the Collateral Agent, its successors and assigns, for the benefit of the Secured Parties, their successors and assigns, a security interest in and lien on all of each such New Grantor's right, title and interest in and to the Collateral of each such New Grantor. Each reference to a "Grantor" in the Security Agreement shall be deemed to include each New Grantor. The Security Agreement is hereby incorporated herein by reference.

SECTION 2. Each New Grantor represents and warrants to the Collateral Agent and the other Secured Parties that this Supplement has been duly authorized, executed and delivered by it and constitutes its legal, valid and binding obligation, enforceable against it in accordance with its terms, subject to applicable bankruptcy, insolvency, reorganization, moratorium or other laws affecting creditors' rights generally and subject to general principles of equity, regardless of whether considered in a proceeding in equity or at law.

SECTION 3. This Supplement may be executed in counterparts (and by different parties hereto on different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. This Supplement shall become effective when the Collateral Agent shall have received counterparts of this Supplement that, when taken together, bear the signatures of each New Grantor and the Collateral Agent. Delivery of an executed signature page to this Supplement by facsimile transmission shall be as effective as delivery of a manually signed counterpart of this Supplement.

SECTION 4. Each New Grantor hereby represents and warrants that (a) set forth on Schedule I attached hereto is a true and correct schedule of the location of any and all Collateral of each such New Grantor, (b) set forth on Schedules II, III, IV and V attached hereto is a true and correct schedule of any and all Intellectual Property of each such New Grantor and (c) set forth under its signature hereto, is the true and correct location of the chief executive office of each such New Grantor.

SECTION 5. Except as expressly supplemented hereby, the Security Agreement shall remain in full force and effect.

**SECTION 6. THIS SUPPLEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.**

SECTION 7. In case any one or more of the provisions contained in this Supplement should be held invalid, illegal or unenforceable in any respect, the validity, legality and enforceability of the remaining provisions contained herein and in the Security Agreement shall not in any way be affected or impaired thereby (it being understood that the invalidity of a particular provision in a particular jurisdiction shall not in and of itself affect the validity of such provision in any other jurisdiction). The parties hereto shall endeavor in good-faith negotiations to replace the invalid, illegal or unenforceable provisions with valid provisions the economic effect of which comes as close as possible to that of the invalid, illegal or unenforceable provisions.

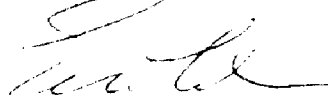
SECTION 8. All communications and notices hereunder shall be in writing and given as provided in Section 7.01 of the Security Agreement. All communications and notices hereunder to each New Grantor shall be given to it at the address set forth under its respective signature below.

SECTION 9. The Collateral Agent shall be reimbursed, in accordance with Section 9.05(a) of the Credit Agreement, for its reasonable out-of-pocket expenses in connection with this Supplement, including the reasonable fees, other charges and disbursements of counsel for the Collateral Agent.

IN WITNESS WHEREOF, each New Grantor and the Collateral Agent have duly executed this Supplement to the Security Agreement under seal as of the day and year first above written.

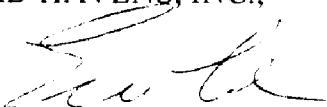
CEDARAPIDS, INC.,

by

  
Name: Eric I Cohen  
Title: Vice President & Secretary  
Address: 916 16th Street, N.E.  
Cedar Rapids, IA 52402

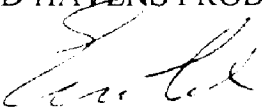
STANDARD HAVENS, INC.,

by

  
Name: Eric I Cohen  
Title: Senior Vice President & Secretary  
Address: 916 16th Street, N.E.  
Cedar Rapids, IA 52402

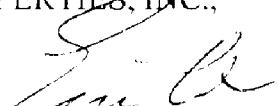
STANDARD HAVENS PRODUCTS, INC.,

by

  
Name: Eric I Cohen  
Title: Vice President & Secretary  
Address: 916 16th Street, N.E.  
Cedar Rapids, IA 52402


S H PROPERTIES, INC.,

by

  
Name: Eric I Cohen  
Title: Vice President & Secretary  
Address: 916 16th Street, N.E.  
Cedar Rapids, IA 52402

CREDIT SUISSE FIRST BOSTON,  
as Collateral Agent,

by

  
Name: KRISTIN LEPRI  
Title: ASSOCIATE

by

  
Name:  
Title:

LOCATION OF COLLATERAL

Description	Location
All types of Collateral	916 16th Street, N.E. Cedar Rapids, IA 52402
Inventory, Equipment and Documents	401 12th Avenue, S.E. Cedar Rapids, IA 52403
Inventory, Equipment and Documents	500 Industrial Drive Glasgow, MO 65254
Inventory	Certain dealers of the New Grantors may hold inventory of the New Grantors, arising out of delivery of inventory to such dealers by the New Grantors under consignment arrangements. These amounts are immaterial in the aggregate and arise in the ordinary course of business.

COPYRIGHTS

See attached schedule.



CEDARAPIDS  
U.S. COPYRIGHTS

Owner	Title	Registration Date	Registration Number
Cedarapids, Inc.	CompuSoil software	10/08/93	TX3612046
Cedarapids, Inc.	LJGlobals	02/29/88	TX2406229
Cedarapids, Inc.	Servicing the RC54 Rollercone	10/16/89	TX2680561
Standard Havens, Inc.	Asphalt recycling savings calculator	03/26/82	VA101580

LICENSES

1. Patent License Agreement between Robert C. Milek (Licensor) and Cedarapids, Inc. (Licensee), dated as of September 29, 1995, relating to Mixers.  
Patent numbers: 5380085, 5429434.  
Patent application numbers: 226501, 308079.
  
2. Patent License Agreement between Gencor Industries, Inc. (Licensee), and Cedarapids, Inc. (Licensor), dated as of September 28, 1994, relating to a Countercurrent Drum Mixer Asphalt Plant.  
Patent number: 4,787,938.
  
3. Patent License Agreement between Sauer Sundstrand (Licensee), and Cedarapids, Inc. (Licensor), entered into in 1991, relating to an Ultrasonic Grade and Auger Control.  
Patent number(s): To be provided later.

PATENTS

See attached schedule.

**CEDARAPIDS  
U.S. ISSUED PATENTS**

Internal Filing Numbers	Patent Number	Title	Inventor(s)	Issue Date	Expected Expiration
36983	4318619	METHOD OF AND APPARATUS FOR ASPHALTIC CONCRETE HOT MIX RECYCLING	SCHLARMANN, P	3/9/82	Expired
37163	4351490	POWER DRIVE STRUCTURE FOR ROTATING THREADEDLY SUPPORTED ROCK CRUSHER BOWLS	JOHNSON, L	9/20/82	4/16/00
36984	4395129	FEED SYSTEM FOR ASPHALT RECYCLING DRUM	MUSIL, J	7/26/83	7/26/00
36985	4422848	HEAT SHIELDS FOR DRUM AGGREGATE DRIERS AND ASPHALTIC DRUM MIXERS	MUSIL, J	12/27/83	12/27/00
36986	4454994	LOAD BEARING SURFACE	JOHNSON ET AL.	6/19/84	2/4/02
36987	4571112	JOINT ASSEMBLY	JOHNSON ET AL.	2/18/86	3/16/04
36988	4600377	REFRACTORILESS LIQUID FUEL BURNER	MUSIL, J	7/15/86	5/29/05
36989	4699326	VERTICAL SHAFT IMPACT CRUSHER WITH SPLIT TUB	WARREN, G	10/13/87	10/13/04
36990	4702642	EXTENSIBLE SCREEN ASSEMBLY FOR A BITUMINOUS PAVER	MUSIL, J	10/27/87	7/25/06
36991	4717084	HYDRAULIC SYSTEM FOR REMOTE OPERABLE CONE CRUSHERS	VENDELIN ET AL.	1/5/88	12/22/06
36992	4734028	ADAPTER FOR CONVERTING AN OIL BURNER HEAD FOR BURNING OF PULVERIZED COAL	MUSIL, J	3/29/88	9/22/06
36993	4773604	SEAT MEMBER FOR GYRATORY ROCK CRUSHER BOWLS	JOHNSON, L	9/27/88	7/13/07
36994	4787938*	COUNTERCURRENT DRUM MIXER ASPHALT PLANT	HAWKINS, M	11/29/88	6/30/06
36995	4801218	THREE-POINT SUSPENSION FOR BITUMINOUS PAVERS	MUSIL, J	1/31/89	1/20/07
36996	4813784	REVERSE FLOW POST-MIXER ATTACHMENT AND METHOD FOR DIRECT-FIRED ASPHALTIC CONCRETE DRUM MIXERS	MUSIL, J	3/21/89	8/25/07
36597	4860915	BAGHOUSE WITH INTEGRAL WALL STIFFENERS	CLEMENTS, J	8/29/89	7/20/07
36999	4919348	DUST SEAL FOR GYRATORY ROCK CRUSHERS	JOHNSON ET AL.	4/24/90	10/10/09
37000	4919349	DUST SEAL FOR GYRATORY ROCK CRUSHERS	JOHNSON ET AL.	4/24/90	10/10/09
37001	4925114	IMPELLER BAR INSTALLATION AND REPOSITIONING MEANS FOR IMPACT CRUSHERS HAVING "OPEN" TYPE ROTORS	OSTERGAARD, D	5/15/90	4/15/08
37002	4940334 Division of 4813784	REVERSE FLOW MIXING METHOD FOR DIRECT-FIRED ASPHALTIC CONCRETE DRUM MIXERS	MUSIL, J	7/10/90	8/25/07
37003	4946283	APPARATUS FOR AND METHODS OF PRODUCING A HOT ASPHALTIC MATERIAL	MUSIL, J	8/7/90	6/16/09
37004	4948292	PAVING MACHINE HAVING TRANSVERSELY AND LONGITUDINALLY ADJUSTABLE GRADE SENSORS	HAVEN ET AL.	8/14/90	7/24/09
37005	5002398 Division of 4946283	APPARATUS FOR AND METHODS OF PRODUCING A HOT ASPHALTIC MATERIAL	MUSIL, J	3/26/91	6/16/09
37006	5004169	IMPELLER BAR ASSEMBLY WITH ADJUSTABLE LOCKING MECHANISM	OSTERGAARD, D	4/2/91	11/22/09

\*Claims are canceled as result of Reexamination

**CEDARAPIDS  
U.S. ISSUED PATENTS**

37007	5004394	VEHICLE POSITIONING METHODS AND APPARATUS WITH IMPACT DAMPER	GOODWIN ET AL.	4/2/91	12/8/09
37008	5005772	IMPELLER BAR INSTALLATION AND REPOSITIONING MEANS FOR IMPACT CRUSHERS HAVING OPEN TYPE ROTORS	OSTERGAARD, D	4/9/91	4/15/08
37009	5033863	METHOD AND ARRANGEMENT OF FLIGHT ATTACHMENT	LINKLETTER, D	7/23/91	2/6/10
37010	5067254	METHOD AND APPARATUS FOR MODIFYING A VEIL OF MATERIALS IN A DRUM OF A DRYING APPARATUS	LINKLETTER ET AL.	11/26/91	5/25/10
37011	5083714	VERTICAL SHAFT IMPACT CRUSHER HAVING A VERTICALLY ADJUSTABLE FEED TUBE	VENDELIN ET AL.	1/28/92	4/29/11
37012	5090813	DUAL DRUM RECYCLE ASPHALT DRYING AND MIXING METHOD AND APPARATUS	MC FARLAND ET AL.	2/25/92	7/23/10
37013	5100277	METHOD OF AND APPARATUS FOR TRANSFERRING MATERIALS	MUSIL, J	3/31/92	12/8/09
37014	5111569 Divisional of 5004169	METHOD OF LOCKING AN IMPELLER BAR AGAINST A SEAT	OSTERGAARD, D	5/12/92	11/22/09
37015	5174650 Divisional of 5090813	DUAL DRUM RECYCLE ASPHALT DRYING AND MIXING METHOD AND APPARATUS	MC FARLAND ET AL.	12/29/92	7/23/10
37016	5192204	DUAL ATOMIZING MULTIFUEL BURNER	MUSIL, J	3/9/93	3/20/12
37017	5193935	SOIL DECONTAMINATION APPARATUS AND METHODS OF DECONTAMINATING SOIL	MUSIL, J	3/16/93	1/7/11
37018	5197848 Divisional of 5100277	METHODS OF AND APPARATUS FOR TRANSFERRING MATERIALS	MUSIL ET AL.	3/30/93	3/30/10
37019	5286138 Divisional of 5004394	VEHICLE POSITIONING METHODS AND APPARATUS WITH IMPACT DAMPER	GOODWIN, J	2/15/94	2/15/11
37020	5301170	ULTRASONIC SENSOR MOUNTING DEVICE	JAMES, R	4/5/94	12/2/12
37021	5312053	CONE CRUSHER WITH ADJUSTABLE STROKE	GANSER, W	5/17/94	1/7/13
37022	5338188	RADIANT HEAT ROTARY VOLATILIZER	YOCUM, G	8/16/94	8/16/11
37023	5350125	CONE CRUSHER WITH PERIPHERALLY DRIVEN GYRATORY HEAD	CLARK	9/27/94	7/1/13
37024	5350252 Continuation of 5193935	SINGLE DRUM MULTIPLE SOIL REMEDIATION AND CLASSIFICATION APPARATUS AND METHOD	MUSIL ET AL.	9/27/94	9/27/11
37025	5356238	PAVER WITH MATERIAL SUPPLY AND MAT GRADE AND SLOPE QUALITY CONTROL APPARATUS AND METHOD	MUSIL ET AL.	10/18/94	3/10/13
37026	5388985	BURNER ASSEMBLY WITH FUEL PRE-MIX AND COMBUSTION TEMPERATURE CONTROLS	MUSIL, J	2/14/95	12/22/12
37027	5393501	MATERIAL REMEDIATION IN MULTI-FUNCTION HEATING DRUM	CLAWSON, L	2/28/95	10/13/13
37028	5401115 Divisional of 5356238	PAVER WITH MATERIAL SUPPLY AND MAT GRADE AND SLOPE QUALITY CONTROL APPARATUS AND METHOD	MUSIL ET AL.	3/28/95	3/10/13
37029	5415539	BURNER WITH DISPENSING FUEL INTAKE	MUSIL, J	5/16/95	2/9/14
37030	5455005 Divisional of 5393501	MATERIAL REMEDIATION IN MULTI-FUNCTION HEATING DRUM	CLAWSON, L	10/3/95	10/13/13
37031	5470146 Continuation of 4787938	COUNTERCURRENT DRUM MIXER ASPHALT PLANT	HAWKINS, M	11/28/95	11/28/12
37032	5511900	REVERSIBLE HANDEDNESS SCREED CONTROL DEVICE	MACKU, C	4/30/96	12/15/14

**CEDARAPIDS  
U.S. ISSUED PATENTS**

37033	5599134	ASPHALT PAVER WITH COMPACTION COMPENSATING SYSTEM	MACKU ET AL.	2/4/97	9/15/15
37034	5620249	COMPACT ENCLOSABLE ASPHALT PLANT	MUSIL, J	4/15/97	9/18/16
36960	5634712	ASPHALT PLANT WITH GAS CONTAINMENT SYSTEM	MUSIL, J	6/3/97	8/9/15
36962	5658094	ENERGY RECUPERATIVE SOIL REMEDIATION SYSTEM	CLAWSON, L	8/19/97	1/5/16
36965	5664882	SYSTEM FOR CONCURRENTLY REMEDIATING CONTAMINATED SOIL AND PRODUCING HOT MIX ASPHALT	GREEN ET AL.	9/9/97	4/4/16
36964	5667298	PORTABLE CONCRETE MIXER WITH WEIGH/SURGE SYSTEMS	MUSIL, J	9/16/97	1/16/16
36972	5702201 Continuation of 5599134	METHOD FOR COMPENSATING DIFFERENTIAL COMPACTION IN AN ASPHALT PAVING MAT	MACKU ET AL.	12/30/97	9/15/15
36968	5718390	GYRATORY CRUSHER	GANSER ET AL.	2/17/98	3/18/16
36971	5718391	GYRATORY CRUSHER HAVING DYNAMICALLY ADJUSTABLE STROKE	MUSIL, J	2/17/98	10/15/16
36976	5799886	GYRATORY CRUSHER HAVING THERMAL RELIEF SYSTEM	MUSIL ET AL.	9/1/98	3/18/16
36974	5803382	GYRATORY CRUSHER HAVING CORRUGATION-LIKE SEAL	GANSER ET AL.	9/8/98	3/18/16
36977	5810268 Divisional of 5718390	GYRATORY CRUSHER HAVING EASILY REMOVABLE MANTEL STUD	GANSER ET AL.	9/22/98	3/18/16
36959	5820257	ASPHALT PLANT HAVING SILO WITH DYNAMIC INPUT AND OUTPUT MASS MONITORING DEVICES	MUSIL, J	10/13/98	7/30/16
36960	5829871 Divisional of 5634712	ASPHALT PLANT WITH GAS CONTAINMENT SYSTEM AND METHOD	MUSIL, J	11/3/98	8/9/15
36966	5857804	ASPHALT PAVER HAVING AUGER EXTENSIONS FOR EXTENDED SCREEDS	MUSIL, J	1/12/99	8/20/16
36929	5875981 Divisional of 5718390	GYRATORY CRUSHER HAVING TRAMP IRON RELIEF SYSTEM	GANSER ET AL.	3/2/99	3/18/16
36969	5927623	GYRATORY CRUSHER WITH AUTOMATIC CONTROL	FERGUSON ET AL.	7/27/99	7/27/17

**CEDARAPIDS  
U.S. PATENT APPLICATIONS**

Internal Filing Numbers	Serial Number	Title	Inventor(s)	Filing Date
36961	08/657977	SOIL REMEDIATION SYSTEM HAVING HEAT	STIMSON ET AL.	5/30/96
36975	08/786034	GYRATORY CRUSHER	GANSER ET AL.	1/21/97
36963	08/918089	ASPHALT PAVER WITH REMIXING CONVEYOR	MACKU, C	8/25/97
36970	08/997054	CONE CRUSHER HAVING POSITIVE HEAD HOLD	MUSIL, J	10/17/97
	09/045212	ASPHALT PLANT HAVING CENTRALIZED MEDIA	STIMSON, M	3/20/98
	09/045296	TENSIONING DEVICE FOR A TRACKED VEHICLE	GOODWIN, J	3/20/98
	09/045751	EDGE COMPACTING DEVICE FOR AN ASPHALT	EMERSON, J	3/20/98
	09/135503	ASPHALT PAVER WITH REMIXING CONVEYOR	MACKU, C	8/17/98
	09/165226	ADDITIVE INJECTION DEVIDE FOR PAVING	MACKU, C	10/1/98
	09/182257	GYRATORY CRUSHER HAVING TRAMP IRON	GANSER, W	10/29/98
	09/273587	TABLE REINFORCING RING FOR A VERTICAL...	YOUNG ET AL.	3/22/99
	09/273790	SHOE MOUNTING BRACKET FOR A VERTICAL...	YOUNG ET AL.	3/22/99
	09/272934	DOUBLE WEDGE KEY PLATES FOR JAW CRUSHER	OSTEGAARD ET AL.	3/20/99
	09/272991	PULL WEDGES FOR A JAW CRUSHER	OSTERGAARD ET AL.	3/20/99
	09/274712	APPARATUS FOR CONTROLLING THE ADJUSTING RODS OF A CRUSHER	YOUNG ET AL.	3/22/99
	09/272993	ADJUSTABLE FEED PLATE FOR A HORIZONTAL SHAFT IMPACTER	YOUNG ET AL.	3/20/99
	09/272992	HYDRAULICALLY ASSISTED BREAKER PLATE ADJUSTER FOR HORIZONTAL SHAFT IMPACTER	YOUNG ET AL.	3/20/99
	09/274161	LUBRICATING SYSTEM FOR VIBRATORY APPARATUS	OSTERGAARD ET AL.	3/22/99
	09/273432	WHEEL CASE FOR A VIBRATING APPARATUS SCREEN	OSTERGAARD ET AL.	3/22/99

**CEDARAPIDS  
FOREIGN ISSUED PATENTS**

Internal Filing Numbers	Patent Number	Title	Inventor(s)	Issue	
				Date	Country
36993	557477	SEAT MEMBER FOR GYRATORY ROCK CRUSHER BOWLS	JOHNSON	9/12/83	AUSTRALIA
36989	569405	VERTICAL SHAFT IMPACT CRUSHER WITH SPLIT TUB	WARREN	7/29/85	AUSTRALIA
36991	579784	HYDRAULIC SYSTEM FOR REMOTE OPERABLE CONE CRUSHER	VENDELIN	12/9/87	AUSTRALIA
37001	615281	IMPELLER BAR INSTALLATION AND REPOSITIONING MEANS FOR IMPACT CRUSHERS HAVING "OPEN" TYPE ROTORS	OSTERGAARD	10/19/89	AUSTRALIA
37180	1159425	APPARATUS FOR READY CONVERSION OF CRUSHING CAVITY CONFIGURATION IN A CONE CRUSHER	ALFORD	12/27/83	CANADA
37163	1171829	POWER DRIVE STRUCTURE FOR ROTATING THREADEDLY SUPPORTED ROCK CRUSHER BOWLS	JOHNSON	7/31/84	CANADA
36985	1193857	HEAT SHIELDS FOR DRUM AGGREGATE DRIERS AND ASPHALTIC DRUM MIXERS	MUSIL	9/24/85	CANADA
37166	1207120	PORTABLE ASPHALT STORAGE SILO	MUSIL	7/8/86	CANADA
36988	1233403	REFRACTORILESS LIQUID FUEL BURNER	MUSIL	3/1/88	CANADA
36989	1237409	VERTICAL SHAFT IMPACT CRUSHER WITH SPLIT TUB	WARREN	5/31/88	CANADA
36990	1260752	EXTENSIBLE SCREED ASSEMBLY FOR A BITUMINOUS PAVER	MUSIL	9/26/89	CANADA
36994	1278789	COUNTERCURRENT DRUM MIXER FOR AN ASPHALT PLANT	HAWKINS	1/8/91	CANADA
37177	1280108	METHOD AND APPARATUS FOR MIXING ASPHALT COMPOSITIONS	HEAP	2/12/91	CANADA
36991	1282391	HYDRAULIC SYSTEM FOR REMOTE OPERABLE CONE CRUSHER	VENDELIN	4/2/91	CANADA
36992	1289817	ADAPTER FOR CONVERTING AN OIL BURNER HEAD FOR BURNING OF PULVERIZED COAL	MUSIL	10/1/91	CANADA
36996	1289941	REVERSE FLOW POST-MIXER ATTACHMENT AND METHOD FOR DIRECT-FIRED ASPHALTIC CONCRETE DRUM MIXERS	MUSIL	10/1/91	CANADA
36995	1302439	THREE-POINT SUSPENSION FOR BITUMINOUS PAVERS	MUSIL	6/2/92	CANADA
37004	1313078	PAVING MACHINE HAVING TRANSVERSELY AND LONGITUDINALLY ADJUSTABLE GRADE SENSORS	HAVEN ET AL.	1/26/93	CANADA
37001	1313170	IMPELLER BAR INSTALLATION AND REPOSITIONING MEANS FOR IMPACT CRUSHERS HAVING "OPEN" TYPE ROTORS	OSTERGAARD	1/26/93	CANADA
37003	1313186	APPARATUS AND METHOD FOR PRODUCING A HOT ASPHALTIC MATERIAL	MUSIL	1/26/93	CANADA
36999	2015298	DUST SEAL FOR GYRATORY CRUSHERS	JOHNSON	6/23/98	CANADA
37000	2015299	DUST SEAL FOR GYRATORY ROCK CRUSHERS	JOHNSON	11/5/96	CANADA
37021	2112946	CONE CRUSHER WITH ADJUSTABLE STROKE	GANSER	8/4/98	CANADA
37000	90/10205	DUST SEAL FOR GYRATORY ROCK CRUSHERS	JOHNSON	6/18/93	FRANCE



**CEDARAPIDS  
FOREIGN ISSUED PATENTS**

36994	2213398	COUNTERCURRENT DRUM MIXER FOR AN ASPHALT PLANT	HAWKINS	9/4/91	GREAT BRITAIN
36993	1846446	SEAT MEMBER FOR GYRATORY ROCK CRUSHER BOWLS	JOHNSON	6/23/93	JAPAN
36989	212988	VERTICAL SHAFT IMPACT CRUSHER WITH SPLIT TUB	WARREN	8/5/85	NEW ZEALAND
36991	222991	HYDRAULIC SYSTEM FOR REMOTE OPERABLE CONE CRUSHER	VENDELIN	12/18/87	NEW ZEALAND
37001	228746	IMPELLER BAR INSTALLATION AND REPOSITIONING MEANS FOR IMPACT CRUSHERS HAVING "OPEN" TYPE ROTORS	OSTERGAARD	4/14/89	NEW ZEALAND
36993	2127500	SEAT MEMBER FOR GYRATORY ROCK CRUSHER BOWLS	JOHNSON	9/21/83	UNITED KINGDOM

**CEDARAPIDS  
FOREIGN PATENT APPLICATIONS**

Internal Filing Numbers	Serial Number	Title	Inventor(s)	Filing Date	Country
36963	2181969	ASPHALT PAVER WITH REMIXING CONVEYOR SYSTEM	MACKU	7/24/96	CANADA
37033	2181970	ASPHALT PAVER WITH COMPACTION COMPENSATION SYSTEM	MACKU	7/24/96	CANADA
36963	9711466	ASPHALT PAVER WITH REMIXING CONVEYOR SYSTEM	MACKU	12/4/96	AUSTRALIA
	19507458-9	DISCHARGE CHUTE	MILEK ET AL.	1/3/95	BRAZIL
	2187655	DISCHARGE CHUTE	MILEK ET AL.	1/3/95	CANADA
	95193010.9	DISCHARGE CHUTE	MILEK ET AL.	1/3/95	CHINA
	964764	DISCHARGE CHUTE	MILEK ET AL.	1/3/95	MEXICO
	2257417	GYRATORY CRUSHER HAVING TRAMP IRON RELIEF SYSTEM	GANSER ET AL.	12/22/98	CANADA
36970	2257360	CONE CRUSHER HAVING POSITIVE HEAD HOLD	MUSIL	Feb-99	CANADA
	2257400	ASPHALT PAVER HAVING AUGER EXTENSIONS	MUSIL	Feb-99	CANADA
	2262281	EDGE COMPACTING DEVICE FOR AN ASPHALT PAVER	EMERSON	2/15/99	CANADA
	2262285	TENSIONING DEVICE FOR A TRACKED VEHICLE	GOODWIN	2/15/99	CANADA
	2262282	ASPHALT PLANT HAVING CENTRALIZED MEDIA BURNER	STIMSON	2/15/99	CANADA

TRADEMARKS

See attached schedule.

**CEDARAPIDS  
U.S. REGISTERED TRADEMARKS**

TRADEMARK	REGISTRATION NUMBER	REGISTRATION DATE	RENEWAL DATE	STATE/ COUNTRY	GOODS
AQUALIZER	1963902	3/26/96	3/26/06	UNITED STATES	NON-CONTACTING MOISTURE SENSING SYSTEMS, NAMELY NON-CONTACT SENSORS AND RELATED CONTROLS FOR DETERMINING AND CONTROLLING MOISTURE CONTENT IN MIXTURES OF SOLID MATERIALS
CEDARAPIDS	1072532	9/6/97	9/6/07	UNITED STATES	ASPHALT PAVERS; ASPHALT PAVEMENT MIXING PLANTS; ROCK CRUSHERS, AGGREGATE PRODUCTION PLANTS; AGGREGATE WASHING PLANTS; MATERIALS HANDLING EQUIPMENT FOR USE IN CONNECTION WITH ASPHALT PAVEMENT MIXING PLANTS AND ROCK CRUSHERS, NAMELY CONVEYORS, SCREENS, FEEDERS, HOPPERS, CHUTES AND ELEVATORS, SOIL COMPACTORS AND COMPONENTS AND PARTS
CEDARWIRE	1357654	9/3/85	9/3/05	UNITED STATES	WOVEN WIRE SIZING SCREENS FOR USE IN PARTICULATE SIZING MACHINES
COMPUCRUSH	1648013	6/18/91	6/18/01	UNITED STATES	COMPUTER PROGRAMS FOR USE IN INDUSTRIAL OPERATIONS RELATING TO STONE AND AGGREGATE PRODUCTION, SUCH COMPUTER PROGRAMS SOLD AS A UNIT WITH INSTRUCTION MANUALS
EL-JAY	777330	9/22/84	9/22/04	UNITED STATES	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT, SUCH AS ROCK CRUSHERS, SCREENING APPARATUS, WASHING APPARATUS, AND FEEDING APPARATUS
FASTACH	1465176	11/17/87	11/17/07	UNITED STATES	SCREENED EXTENSIONS FOR BITUMINOUS PAVING MACHINES
GLASGOW BATCHER	1001764	1/14/95	1/14/05	UNITED STATES	ASPHALT MIXING AND HANDLING EQUIPMENT, NAMELY FEED HOPPERS FOR DELIVERING HOTMIX ASPHALT TO STORAGE BINS
HIGHWEIGH & DEVICE	2079959	7/15/97	7/15/07	UNITED STATES	PORTABLE CONCRETE MIXING MACHINES
MAGNUM	1867996	12/20/94	12/20/04	UNITED STATES	ASPHALT MIXING EQUIPMENT, KNOWN AS HOT MIX ASPHALT SYSTEMS, COMPRISING DRUM MIXERS, SCREW, BELT AND DRAG SLAT CONVEYORS, MATERIAL BINS, BAGHOUSES, CONTROL HOUSES, ASPHALT TANKS AND SCALES, ALL SOLD AS A UNIT
MAGNUM & LINE DEVICE	1427200	2/3/87	2/3/07	UNITED STATES	ASPHALT MIXING AND HANDLING PLANTS COMPRISING DRUM MIXERS, SCREW BELT AND DRAG SLAT CONVEYORS, MATERIAL BINS BAGHOUSES, CONTROL HOUSES, ASPHALT TANKS AND SCALES, ALL SOLD AS A UNIT
PLANT DOCTOR & DEVICE	2008454	10/15/96	10/15/06	UNITED STATES	ON-SITE TECHNICAL CONSULTATION AND EVALUATIONS IN THE FIELD OF ASPHALT PLANT OPERATIONS
PLANTVUE	1677435	3/3/92	3/3/02	UNITED STATES	COMPUTER PROGRAMS FOR USE IN COMPUTER-ASSISTED DESIGN PROCESSES AND SUCH COMPUTER PROGRAMS AND INSTRUCTIONAL MANUALS SOLD AS A UNIT
PRO-BAC	2160746	5/26/98	5/26/08	UNITED STATES	ADHESIVES WITH SHOCK ABSORBING CHARACTERISTICS FOR USE IN HEAVY EQUIPMENT, NAMELY ROCK CRUSHERS
QUADRAFUEL	1491024	6/7/88	6/7/08	UNITED STATES	BURNERS FOR CONSTRUCTION AND INDUSTRIAL PURPOSES
ROLLERCONE	723542	11/7/81	11/7/01	UNITED STATES	ROCK CRUSHERS
SH-PARTS IN DOUBLE OVAL	1160637	7/14/81	7/14/01	UNITED STATES	PARTS FOR THE REPAIR AND MAINTENANCE OF ASPHALT PLANTS AND BAGHOUSES, NAMELY, BEARINGS, DRIVE AND POWER-TRANSMITTING CHAINS AND SPROCKETS THEREFOR, WEAR PLATES, MOTORS, SLATS FOR CONVEYORS, FLIGHTING FOR AUGER CONVEYORS AND DRUM MIXERS, GEAR REDUCERS, SHAFTS, IDLER WHEELS, VENTURIS, BAGS AND FILTER CAGES FOR BAGHOUSES, TUBE SHEETS FOR FILTER BAGS, PULLEYS AND MACHINE FAN BELTS

**CEDARAPIDS  
U.S. REGISTERED TRADEMARKS**

STRETCH 16	1900350	6/20/95	6/20/05	UNITED STATES	PAVING MACHINES AND COMPONENTS THEREOF, NAMELY SCREEDS USED FOR CONSTRUCTING ROADWAYS AND OTHER HARD SURFACE STRUCTURES FROM ASPHALT AND OTHER CONSTRUCTION MATERIALS
STRETCH 18	1893927	5/16/95	5/16/05	UNITED STATES	PAVING MACHINES AND COMPONENTS THEREOF, NAMELY SCREEDS USED FOR CONSTRUCTING ROADWAYS AND OTHER HARD SURFACE STRUCTURES FROM ASPHALT AND OTHER CONSTRUCTION MATERIALS
STRETCH 20	1454903	9/1/87	9/1/07	UNITED STATES	SCREEDS FOR BITUMINOUS PAVERS
SURG-STOR	922626	10/26/91	10/26/01	UNITED STATES	HOPPER BOTTOM STORAGE TANK FOR HOT ASPHALT MIX
ULTRACONE	1249596	8/30/83	8/30/03	UNITED STATES	ROCK CRUSHERS
CEDARAPIDS	12081	10/31/91	10/31/01	IOWA	ASPHALT PLANTS, PAVERS, EQUIPMENT AND PARTS THEREOF, CRUSHING PLANTS, EQUIPMENT AND PARTS THEREOF; MATERIAL HANDLING AND SIZING APPARATUS AND PARTS THEREFOR

**CEDARAPIDS  
FOREIGN REGISTERED TRADEMARKS**

TRADEMARK	REGISTRATION NUMBER	REGISTRATION DATE	RENEWAL DATE	COUNTRY	GOODS
EL-JAY	A401866	1/3/91	1/3/05	AUSTRALIA	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT
ULTRACONE	B474945	10/20/94	10/20/08	AUSTRALIA	ROCK CRUSHERS AND PARTS AND ACCESSORIES
CEDARAPIDS	266079	1/29/97	1/29/12	CANADA	ASPHALT PAVERS; ASPHALT PAVEMENT MIXING PLANTS; ROCK CRUSHERS; AGGREGATE PRODUCTION PLANTS; AGGREGATE WASHING PLANTS; MATERIAL HANDLING EQUIPMENT FOR USE IN CONNECTION WITH ASPHALT PAVEMENT MIXING PLANTS AND ROCK CRUSHERS, NAMELY, CONVEYORS, SCREENS, FEEDERS, HOPPERS, CHUTES AND ELEVATORS; COMPACTION ROLLERS; SOIL COMPACTORS; AND COMPONENTS AND PARTS
COMMANDER	254425	1/2/96	1/2/11	CANADA	AGGREGATE PROCESSING EQUIPMENT CONSISTING OF CRUSHERS, SCREEN, CONVEYORS, FEEDERS AND DRIVE SYSTEM FOR SAME MOUNTED ON ONE OR MORE MOBILE CARRIAGES
EL-JAY	256273	2/27/96	2/27/11	CANADA	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT, NAMELY ROCK CRUSHERS, SCREENING APPARATUS, WASHING APPARATUS, AND FEEDING APPARATUS
GLASGOW BATCHER	211209	1/9/91	1/9/06	CANADA	ASPHALT MIXING AND HANDLING EQUIPMENT, NAMELY, FEED HOPPERS FOR DELIVERING HOTMIX ASPHALT TO STORAGE BINS
MIX-STOR	254426	1/2/96	1/2/11	CANADA	ASPHALT STORAGE SILOS
ROLLERCONE	256743	3/13/96	3/13/11	CANADA	ROCK CRUSHERS
SHS & DEVICE	216018	9/17/91	9/17/06	CANADA	ASPHALT MIXING AND HANDLING EQUIPMENT, NAMELY, MATERIAL TRANSFER CONVEYORS, FEED HOOPERS, AND STORAGE BINS; EVAPORATIVE COOLERS; AND REVERSE PULSE BAGHOUSES. ASPHALT MIXING AND HANDLING EQUIPMENT, NAMELY, MATERIAL TRANSFER CONVEYORS AND FEED HOPPERS. ASPHALT MIXING AND HANDLING EQUIPMENT, NAMELY, STORAGE BINS. POLLUTION CONTROL EQUIPMENT, NAMELY BAGHOUSE AND EVAPORATIVE COOLERS
STANDARD HAVENS AND DEVICE	226429	3/3/93	3/3/08	CANADA	POLLUTION CONTROL EQUIPMENT, NAMELY, BAGHOUSES, ASPHALT MIXING AND HANDLING EQUIPMENT, NAMELY, STORAGE BINS, MATERIAL TRANSFER CONVEYORS AND FEED HOPPERS. ENGINEERING SERVICES IN THE FIELDS OF MATERIAL HANDLING AND AIR POLLUTION CONTROL
SURG-STOR	207222	5/23/90	5/23/05	CANADA	HOPPER BOTTOM STORAGE TANKS FOR HOT ASPHALT MIX
CEDARAPIDS	221340	2/27/95	2/26/05	CHINA	ASPHALT PAVERS; ASPHALT PAVEMENT MIXING PLANTS; ROCK CRUSHERS; AGGREGATE PRODUCTION PLANTS; AGGREGATE WASHING PLANTS; MATERIAL HANDLING EQUIPMENT FOR USE IN CONNECTION WITH ASPHALT PAVEMENT MIXING PLANTS AND ROCK CRUSHERS INCLUDING CONVEYORS, SCREENS, FEEDERS, HOPPERS, CHUTES AND ELEVATORS, SOIL COMPACTORS, ROLLERS, WASTE PROCESSING EQUIPMENT, AND COMPONENTS AND PARTS OF THE FOREGOING

**CEDARAPIDS  
FOREIGN REGISTERED TRADEMARKS**

EL-JAY	221339	2/27/95	2/26/05	CHINA	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT, SUCH AS ROCK CRUSHERS, SCREENING APPARATUS, WASHING APPARATUS, AND FEEDING APPARATUS, AND PARTS AND ACCESSORIES THEREFOR
ROLLERCONE	1667272	7/31/91	7/20/01	FRANCE	ROCK CRUSHERS
CEDARAPIDS	B366291	4/12/91	4/12/05	HONG KONG	ASPHALT PAVERS; ASPHALT PAVEMENT MIXING PLANTS; ROCK CRUSHERS; AGGREGATE PRODUCTION PLANTS; AGGREGATE WASHING PLANTS; MATERIAL HANDLING APPARATUS FOR USE IN CONNECTION WITH ASPHALT PAVEMENT MIXING PLANTS AND ROCK CRUSHERS; SOIL COMPACTORS; ROLLERS; WASTE PROCESSING APPARATUS; PART AND FITTINGS
EL-JAY	B366191	4/12/91	4/12/05	HONG KONG	ROCK AND GRAVEL PROCESSING AND HANDLING APPARATUS; PARTS AND FITTINGS
CEDARAPIDS	1933890	2/25/97	2/25/07	JAPAN	INDUSTRIAL MACHINERY AND IMPLEMENTS, PRIME MOVERS AND IMPLEMENTS (EXCLUDING MOTORS), PNEUMATIC AND HYDRAULIC MACHINERY AND IMPLEMENTS, OFFICE MACHINES AND EQUIPMENT (EXCLUDING THOSE BELONGING TO APPLIED ELECTRONICS MACHINERY AND APPARATUS), OTHER MACHINERY AND EQUIPMENT NOT BELONGING TO ANY OTHER CLASSES, PARTS
EL-JAY	1942839	3/27/97	3/27/07	JAPAN	INDUSTRIAL MACHINERY AND ANY OTHER GOODS BELONGING TO THIS CLASS (EXCLUDING OFFICE MACHINES AND EQUIPMENT)
CEDARAPIDS	1968/84	4/25/91	4/25/05	MALAYSIA	ASPHALT PAVERS; ASPHALT PAVEMENT MIXING PLANTS; ROCK CRUSHERS; AGGREGATE PRODUCTION PLANTS; AGGREGATE WASHING PLANTS; MATERIAL HANDLING EQUIPMENT FOR USE IN CONNECTION WITH ASPHALT PAVEMENT MIXING PLANTS AND ROCK CRUSHERS, NAMELY CONVEYORS, SCREENS, FEEDERS, HOPPERS, CHUTES AND ELEVATORS; SOIL COMPACTORS; AND COMPONENTS AND PARTS OF THE FOREGOING, ROLLERS AND WASTE PROCESSING EQUIPMENT
EL-JAY	1967/84	4/25/91	4/25/05	MALAYSIA	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT, SUCH AS ROCK CRUSHERS, SCREENING APPARATUS, WASHING APPARATUS AND FEEDING APPARATUS
EL-JAY	160401	8/13/92	8/13/06	NEW ZEALAND	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT, SUCH AS ROCK CRUSHERS; SCREENING APPARATUS; WASHING APPARATUS; AND FEEDING APPARATUS
CEDARAPIDS	41478	10/17/88	10/17/08	PHILIPPINES	ASPHALT PAVERS; ASPHALT PAVEMENT MIXING PLANTS; ROCK CRUSHERS; AGGREGATE PRODUCTION PLANTS; AGGREGATE WASHING PLANTS; MATERIAL HANDLING EQUIPMENT FOR USE IN CONNECTION WITH ASPHALT PAVEMENT MIXING PLANTS AND ROCK CRUSHERS; NAMELY, CONVEYORS, SCREENS, FEEDERS, HOPPERS, CHUTES AND ELEVATORS; SOIL COMPACTORS; AND COMPONENTS AND PARTS

**CEDARAPIDS  
FOREIGN REGISTERED TRADEMARKS**

EL-JAY	66554	11/24/98	11/24/04	PHILIPPINES	ROCK AND GRAVEL PROCESSING AND HANDLING EQUIPMENT, SUCH AS ROCK CRUSHERS, SCREENING APPARATUS, WASHING APPARATUS, AND FEEDING APPARATUS
EL-JAY	1492/84	4/2/91	4/2/01	SINGAPORE	MACHINES FOR USE IN ROCK AND GRAVEL PROCESSING AND HANDLING (NONE FOR LAND VEHICLES) BEING CRUSHING MACHINES, FEEDING APPARATUS, WASHING APPARATUS AND SEPARATORS

RECORDED: 09/15/1999

TRADEMARK  
REEL: 001958 FRAME: 0172