							
FORM PTO-	1619A	OIP	0	9-12-2000			
Expires 06/30/99 OMB 0651-0027	,						
	1	AUG 152					
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RECORDATION FORM COVERSHEET							
TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).							
Submission	Туре	Conveyance Type					
X New		Assignment	Security Agree	ement			
Resubmis Document	ssion (Non-Recordation) t ID#	License	Change of Nam	ne			
1 1	n of PTO Error	Merger	X Other Colla	ateral Agreement			
Reel #	Frame # L	(For Use	U.S. Government ONLY by U.S. Government	Agencies)			
Reel #	Frame #		artmental File	Secret File			
Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date							
Name (line 1)	The Lamson & Sessions Co.			Month Day Year 8 8 00			
Name (line 2)							
Second Party		·		Execution Date Month Day Year			
Name (line 1)							
Name (line 2)							
Receiving Pa	arty	Mai	k if additional names of	receiving parties attached			
Name (line 1)	Harris Trust and Savings Bank, as Administrative Agent If document to be recorded is an assignment and the						
Name (line 2)				receiving party is not domiciled in the United			
Teame (inte 2)	<u></u>			States, an appointment of a domestic			
Address (line 1)	111 West Monroe Street			representative is attached. (Designation must be a			
Address (line 2)				separate document from Assignment.)			
L	(Ili-inna)	Illinois	6060	12			
Address (line 3)	Chicago City	State/Country	Zip C				
Domestic Representative Name and Address Enter for the first Receiving Party only.							
Name [
Address (line 1)							
,							
Address (line 2)							

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

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Address (line 3)

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PATENT

REEL: 011046 FRAME: 0830

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Correspondent Name and Address	Area Code and Telephone Number	312-845-3421			
Name Jane P. Miles					
Address (line 1) Chapman and Cutler					
Address (line 2) 111 West Monroe Stre	eet				
Address (line 3) Chicago, Illinois 60	0603				
Address (line 4)					
Pages Enter the total number of including any attachmen	pages of the attached conveyance docum	nent # 6			
Application Number(s) or Patent N	// // // // // // // // // // // //	additional numbers attached			
	he Patent Number (DO NOT ENTER BOTH numbers i	• • •			
Patent Application Number(s)	Patent	: Number(s)			
See Schedule A-1 attached					
If this document is being filed together with a <u>new</u> P signed by the first named executing inventor.	atent Application, enter the date the patent application	on was Month Day Year			
Patent Cooperation Treaty (PCT)					
Enter PCT application number	PCT PCT	PCT			
only if a U.S. Application Number 1 has not been assigned.	ber PCT PCT	PCT			
Number of Properties Enter the total number of properties involved. # 1					
Fee Amount Fee Amount	nt for Properties Listed (37 CFR 3.41): \$				
Method of Payment: En Deposit Account	closed Deposit Account				
	additional fees can be charged to the account.) Deposit Account Number: #				
	Authorization to charge additional fees:	Yes No			
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. Charges to deposit account are authorized, as indicated herein.					
Jane P. Miles	Jane P. Miles	August 11, 2000			
Name of Person Signing	(/ Signature	Date			

PATENT COLLATERAL AGREEMENT

This 8th day of August, 2000, THE LAMSON & SESSIONS Co., an Ohio corporation ("Debtor") with its principal place of business and mailing address at 25701 Science Park Drive, Beachwood, Ohio 44122, in consideration of ten dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, assigns, mortgages and pledges to HARRIS TRUST AND SAVINGS BANK, an Illinois banking corporation ("Harris") with its mailing address at 111 West Monroe Street, Chicago, Illinois 60603, acting as agent hereunder for the various secured creditors pursuant to that certain Credit Agreement dated of even date herewith between the Debtor, the guarantors party thereto, Harris, individually and as administrative agent and the other lenders from time to time party thereto (said Harris acting as such agent and any successor or successors to Harris acting in such capacity being hereinafter referred to as the "Secured Party"), and grants to Secured Party a continuing security interest in, the following property:

- (i) Each patent and patent application listed on Schedule A-1 hereto and all of the inventions described and claimed therein and any and all reissues, continuations, continuations-in-part or extensions thereof; and
- (ii) Each patent license listed on Schedule A-2 hereto and all royalties and other sums due or to become due under or in respect of each such patent license, together with the right to sue for and collect all such royalties and other sums; and
- (iii) All proceeds of the foregoing, including without limitation any claim by Debtor against third parties for damages by reason of past, present or future infringement of any patent listed on Schedule A-1 hereto or of any patent licensed under a patent license listed on Schedule A-2 hereto, in each case together with the right to sue for and collect said damages;

to secure performance of all Obligations of Debtor as set out in that certain Security Agreement bearing even date herewith between Debtor and Secured Party (the "Security Agreement").

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the assignment, mortgage, pledge and security interest in the patents, patent applications and patent licenses made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

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IN WITNESS WHEREOF, Debtor has caused this Patent Collateral Agreement to be duly executed as of the date and year last above written.

THE LAMSON & SESSIONS CO.

HARRIS TRUST AND SAVINGS BANK, as Administrative Agent

Name <u>Peter Krawchuk</u> Its <u>Managing Director</u>

STATE OF Ohio)				
COUNTY OF Cuyahoga) SS)				
I, Kerrie A. I the State aforesaid, do hereby Executive Vice President	certify that	t <u>James J. Abel</u> The Lamson & Sessions Co., and			
who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument as such <u>person</u> appeared before me this day in person and acknowledged that they signed and delivered the said instrument as his own free and voluntary act and as the free and voluntary act and deed of said corporation for the uses and purposes therein set forth.					
Given under my hand and notarial seal, this 8th day of August, 2000.					
(NOTARIAL SEAL)		Notary Public			
My Commission Expires:		(Type or Print Name)			
9-18-03					

STATE OF ILLINOIS)) SS	
COUNTY OFCOOK)	
the State aforesaid, do hereby c	ertify that	
who is personally known to me to be instrument as such Managing I acknowledged that he signed and d	ne the same poirector, and lelivered the	d Savings Bank, an Illinois banking corporation, person whose name is subscribed to the foregoing ppeared before me this day in person and said instrument as his own free and voluntary act aid corporation for the uses and purposes therein
Given under my hand and n	otarial seal,	this 8th day of August, 2000.
(NOTARIAL SEAL) OFFICIALSE		June Dale Notary Public
OFFICIAL SE DANIEL W BA NOTARY PUBLIC STATE MY COMMISSION EXP.	KER E OF ILLIMOIS	<i>y</i>
My Commission Expires:		Daniel W. Baker (Type or Print Name)
tra's Commingnion Purbuco.		('JI

My Commission Expires:

SCHEDULE A-1 TO PATENT COLLATERAL AGREEMENT

PATENT APPLICATION

APPLICATION NO.

TITLE

FILING DATE

US 09/256651

Conduit-Making Apparatus With a Variable Diameter Winding Drum

2/23/99

CL: 522005v1

SCHEDULE A-2 TO PATENT COLLATERAL AGREEMENT

PATENT LICENSES

LICENSOR

Arlington Industries, Inc.

Tri-Var Corporation - J. Alan Gibson

Arnco Corporation

KayBee Electric - Steven J. Kohnen

PRODUCT

Plates for weatherproof covers

Dimmer for Christmas tree lights

High Density polyurethane conduit

Curved lid junction box

CL: 521956v1

PATENT
RECORDED: 08/15/2000 REEL: 011046 FRAME: 0837