

02-21-2001

FORM PTO-446-1022



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

101617806

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

1. Name of conveying party(ies): Michael W. Wilson

2-12-01

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

Name: AIL International, Inc. Internal Address: Street Address: 13 Silvershore Drive City: New Brunswick, Canada State: Zip: E4L 1M7

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

3. Nature of conveyance:

X Assignment Merger Security Agreement Change of Name Other

Additional name(s) & address(es) attached? Yes X No

Execution Date: December 4, 2000

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

FEB 12 2001

B. Patent No.(s)

5,326,191

Additional numbers attached: Yes X No

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

Name: William M. Lee, Jr. Internal Address: Lee, Mann, Smith, McWilliams, Sweeney & Ohlson Street Address: P.O. Box 2786 City: Chicago State: Illinois Zip: 60690-2786

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41) \$ 40.00

X Enclosed Authorized to be charged to deposit account

8. Deposit account number:

12-0913

(Attach duplicate copy of this form 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.

William M. Lee, Jr.

Signature of William M. Lee, Jr.

February 9, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

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02/20/2001 6TDM11 00000072 5326191

01 FC:581

40.00 DP

Guidelines for Completing Patents Cover Sheets

PATENT REEL: 011511 FRAME: 0810

## ASSIGNMENT WORLD-WIDE

WHEREAS, I, **Michael W. WILSON** (assignor), whose post office address is 13 Silvershore Drive, Sackville, New Brunswick E4L 1M7, Canada is the owner of the patents and patent applications set out in the attached Schedule A; and

WHEREAS, **AIL INTERNATIONAL INC.**, a company organized and existing under the laws of the Province of New Brunswick, having a place of business at 13 Silvershore Drive, Sackville, New Brunswick E4L 1M7, Canada, is desirous of acquiring the full and exclusive right, title and interest in and to the patents and patent applications set out in the attached Schedule A inclusive of any and all priority rights derived therefrom, in and to the invention, and in and to all Letters Patent issuing in all countries, to be granted for the invention;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I do hereby sell, assign, transfer, and set over and do hereby confirm my sale, assignment, transfer and setting over unto **AIL INTERNATIONAL INC.**, its successors and assigns, the full and exclusive right, title and interest in and to said patents and patent applications set out in Schedule A inclusive of any and all priority rights derived therefrom, and in and to the invention disclosed in said application and in and to all Letters Patent and reissues which may be granted upon said patent applications and patents set out in attached Schedule A, and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all corresponding foreign applications for Letters Patent which may be filed and subsequently granted for the inventions in foreign countries; the same to be held and enjoyed by **AIL INTERNATIONAL INC.** for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made;

AND I hereby agree to execute, upon request, any and all further papers which may be necessary or desirable to enable **AIL INTERNATIONAL INC.** its successors and assigns, to file and prosecute said patent applications and patents set out in

attached Schedule A and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application; any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on the invention; and I further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of AIL INTERNATIONAL INC., its successors and assigns, in and to said patents and patent applications set out in the attached Schedule A and the invention disclosed therein, and in and to any and all Letters Patent and reissues thereof which may be granted upon said applications or foreign applications,

AND I hereby authorize and request The Commissioner of Patents to issue each and every Letters Patent to be granted, and any reissue of said Letters Patent, to AIL INTERNATIONAL INC., its successors and assigns, as the assignee of the entire right, title and interest herein, in accordance with this assignment.

WITNESS my hand at Dorchester, New Brunswick this 4<sup>th</sup> day of DECEMBER, 2000.

  
\_\_\_\_\_  
Michael W. WILSON

STATEMENT BY WITNESS

I, Ann Crossman, whose full post office address is 343 Cherry Bunting Road, Cherry Bunting N.B. E4K 3B5, was personally present and did see **Michael W. WILSON** who is known to me, execute the above assignment.

  
\_\_\_\_\_  
Signature of Witness

# SCHEDULE A

## TITLE: REINFORCED METAL BOX CULVERT

COUNTRY	SERIAL NO.	FILING DATE	PATENT NO. AND DATE
U.S.	026,860	Mar. 5/93	5,326,191 Jul. 5/94
Canada	2,090,983	Mar. 4/93	2,090,983 Sep. 24/96
Mexico	941634	Mar. 4/94	189732 Aug. 26/98
Australia	61042/94	Feb. 23/94	689097 Jul. 9/98
EPO	94907464.5	Feb. 23/94	0 687 328 Jan. 7/98

# SCHEDULE A CONT'D

## TITLE: SHORT RADIUS CULVERT SECTIONS

COUNTRY	SERIAL NO.	FILING DATE	PATENT NO. AND DATE
U.S.	137,833	Oct. 15/93	5,375,943 Dec. 27/94
Mexico	948034	Oct. 17/94	196716 May 31/00
Canada	2,118,145	Oct. 14/95	2,118,145 Jul.13/99

# SCHEDULE A CONT'D

**TITLE: COMPOSITE CONCRETE METAL  
ENCASED STIFFENERS FOR METAL  
PLATE ARCH-TYPE STRUCTURES**

<b>COUNTRY</b>	<b>APPLICATION SERIAL NO.</b>	<b>FILING DATE</b>	<b>PATENT NO. AND DATE</b>
U.S.	08/662,070	Jun.12/96	5,833,394 Nov 10/98
U.S.	09/097,860	Jun. 16/98	
Australia	30211/97	Jun. 11/97	715030 May 4/00
Brazil	PI 9709714	Jun .11/97	
Canada	2,255,903	Jun. 11/97	
China	97195436.4	Jun.11/97	
Europe (designating Germany, Netherlands, Italy, Spain, Finland, Great Britain, Lithuania, Portugal, and Sweden)	97924831.7	Jun. 11/97	
Japan	10-501014	Jun. 11/97	
New Zealand	333129	Jun .11/97	333129 Jul. 6/00
Norway	P985825	Jun. 11/97	
Poland	P330546	Jun. 11/97	
Russia	99100392	Jun. 11/97	
Mexico	9810606	Jun. 11/97	
S. Korea	98-710198	Jun. 11/97	

# SCHEDULE A CONT'D

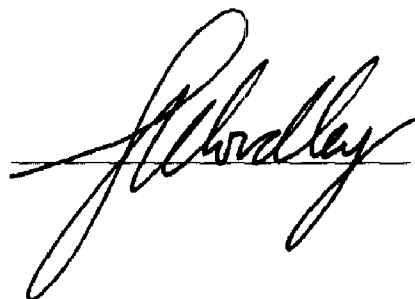
**TITLE: UNDERGROUND REINFORCED  
SOIL/METAL STRUCTURES**

<b>COUNTRY</b>	<b>APPLICATION SERIAL NO.</b>	<b>FILING DATE</b>	<b>PATENT NO. AND DATE</b>
U.S.	08/984,697	Dec. 3/97	6,050,746 Apr. 18/00
Canada	2,254,595	Nov. 27/98	
Mexico	9810225	Dec. 3/98	

Judicial District of York,

Toronto, Ontario, Canada

I, John Howard Woodley, Notary Public residing in Metropolitan Toronto,  
Province of Ontario, hereby certify that the attached Assignment from **Michael W.  
WILSON** to **AIL INTERNATIONAL INC.** for the invention entitled **REINFORCED  
METAL BOX CULVERT** is a true copy of the original.

A handwritten signature in black ink, appearing to read "J. Woodley", written over a horizontal line.

**JOHN HOWARD WOODLEY, Notary Public,**  
Province of Ontario, limited to the attestation of  
Instruments and the taking of affidavits, for work as  
a Patent and Trade Mark Agent.  
Expires February 23, 2001.