

09-04-2003

Form PTO-1595 (Rev. 03/01)

9.303

RECO



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

OMB No. 0651-0027 (exp. 5/31/2002)

102541664

Tab settings

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

1. Name of conveying party(ies):

CAE Inc.

2. Name and address of receiving party(ies)

Name: CAE Wood Products G.P.

Internal Address:

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

3. Nature of conveyance:

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

Street Address: 8585 Cote de Liesse Road

City: St-Laurent State: Quebec Zip: H8T 1G6

Execution Date: August 16, 2002

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

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)

10/610426

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John S. Reid

Internal Address:

Street Address: 1926 South Vallyview Lane

City: Spokane State: WA Zip: 99212-0157

6. Total number of applications and patents involved: 1

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

- Enclosed, Authorized to be charged to deposit account

8. Deposit account number:

502297

(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.

John S. Reid

Name of Person Signing

Signature

30-August-2003

Date

Total number of pages including cover sheet, attachments, and documents: 10

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

09/04/2003 LRIELLER 00000039 10610426

01 FC0021

40.00

PATENT REEL: 014437 FRAME: 0444

ASSIGNMENT

CAE Inc., 8585 Côte de Liesse Road, St-Laurent (Quebec), H8T 1G6

(hereinafter called ASSIGNOR)

CAE WOOD PRODUCTS G.P., 8585 Côte de Liesse Road, St-Laurent (Quebec), H8T 1G6

(hereinafter called ASSIGNEE)

WHEREAS, the Assignor, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer to the Assignee and its successors and assigns:

- (i) ASSIGNOR'S entire right, title and interest in and to the patents and patent applications listed in Schedule A attached hereto, including any and all inventions described therein, and in any and all continuations-in-part, continuations, divisions, substitutes, reissues, reexaminations, or extensions thereof, and all other applications for patent relating thereto which have been filed, or hereafter shall be filed, in Canada, the United States or in any other jurisdiction and further including all rights under treaties to file and prosecute patent applications corresponding to the preceding patents and patent applications (the "Patents");
- (ii) all of ASSIGNOR'S corresponding right, title and interest in and to any patents which may issue therefor, the same to be held and enjoyed by ASSIGNEE to the full end of the term for which the said patent is granted and maintained, as fully and entirely as the same could have been held and enjoyed by ASSIGNOR, and;
- (iii) the right to take action and recover in respect of any infringement of the patent that took place prior to the date of this Assignment.

The Assignor hereby authorizes the issuance of any and all registrations for the Patents to the Assignee, its successors, assigns or legal representatives.

The Assignor, on behalf of itself, its successors, assigns and legal representatives, hereby covenants and agrees, without further consideration, to do all such lawful acts and things and to execute such further lawful assignments, documents, assurances, applications and other instruments as reasonably may be required by the Assignee, its successors, assigns or legal representatives, to obtain any and all registrations for the Patents and to vest the same in the Assignee, its successors, assigns or legal representatives.

The Assignor hereby agrees to execute and sign all documents required to effect a recordation of the assignment of the Patents and registrations thereof before the proper office or agency.

EXECUTED at: Quebec this 16th day of August 2002

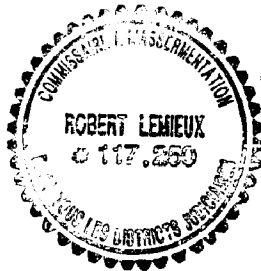
CAE INC.

Henland Paterson
Name:

Title:

STATEMENT OF WITNESS

I, Robert Lemieux, whose full post office address is
4865 Esplanade Montgomerie H2T 2Y8 was
personally present and did see Henland Paterson who is known to me, execute
the above assignment.



[Signature]
Name: ROBERT LEMIEUX
Date: August 16, 2002

Assignment accepted by:

EXECUTED at: Montreal this 16th day of August 2002

CAE WOOD PRODUCTS G.P.

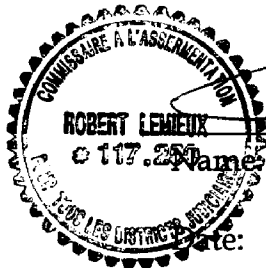
Harland Paterson

Name:

Title:

STATEMENT OF WITNESS

I, Robert Lemieux, whose full post office address is 4865 Esplanade, Montreal, QC H2T 2Y8 was personally present and did see Harland Paterson who is known to me, execute the above assignment.



[Signature]
Name: ROBERT LEMIEUX
Date: August 16, 2002

SCHEDULE A

NAME	PATENT#	CURRENT STATUS	COUNTRY
Active Sawguide Assembly and Method	2,338,242	Pending	CA
Active Sawguide Assembly and Method	09/792,891	Pending	US
Bin Sorter for Use in a Lumber Mill	4,815,917	Registered	US
Board Trimmer With Pre-Trimmer Near-End Saws	2,353,774	Pending	CA
Board Trimmer With Pre-Trimmer Near-End Saws (Prov. 1)	60/220,176	Pending	US
Board Trimmer With Pre-Trimmer Near-End Saws	09/912,630	Pending	US
Cable Clamp	2,095,986	Registered	CA
Cable Clamp	5,392,496	Registered	US
Circulating Paddle Board Positioning Apparatus	2,191,389	Registered	CA
Circulating Paddle Board Positioning Apparatus	5,911,302	Registered	US
Circulating Paddle Positioning Fence with Flexible Track	2,236,508	Pending	CA
Circulating Paddle Positioning Fence with Flexible Track	6,173,829	Registered	US
Color Sorting of Lumber	1,323,332	Registered	CA
Color Sorting of Lumber	4,992,949	Registered	USCIP
Continuous Breakdown Tilt Hoist with Overhead Rotatable Secondary Hoist	2,230,464	Pending	CA
Continuous Breakdown Tilt Hoist with Overhead Rotatable Secondary Hoist	5,879,129	Registered	US
Double Lugged Chain Link	60/323,108	Pending	US
High Speed Revolving Board Singulator with Retracting Shoe and Variable Dwell Duckers	2,271,175	Pending	CA
High Speed Revolving Board Singulator with Retracting Shoe and Variable Dwell Duckers	6,199,683	Registered	USCIP
High Speed Revolving Lug Loader with Retracting Heel and Hook	2,185,620	Registered	CA
High Speed Revolving Lug Loader with Retracting Heel and Hook	5,921,376	Registered	US
Improved Log Scanning	2,131,919	Pending	CA
Improved Log Scanning	5,394,342	Registered	US
Incline Disc Variable Target Size Sawguides for Circular Gang Saws	2,200,653	Registered	CA
Incline Disc Variable Target Size Sawguides for Circular Gang Saws	5,921,162	Registered	US

NAME	PATENT#	CURRENT STATUS	COUNTRY
Incline Wedge Variable Target Size Sawguides for Circular Gang Saws	2,202,852	Registered	CA
Incline Wedge Variable Target Size Sawguides for Circular Gang Saws	5,927,174	Registered	US
Lath Cutter and Placer		Pending	CA
Lath Placer	2,048,356	Registered	CA
Lath Placer	5,244,341	Registered	US
Live Bin Walls	1,264,772	Registered	CA
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	617,211	Registered	AU
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	637,933	Registered	AU Div 1
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	1,301,371	Registered	CA
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	91,677	Registered	FI
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	230,371	Registered	NZ
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	242,144	Registered	NZDiv 1
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	242,145	Registered	NZDiv 2
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	8902791-6	Pending	SE
Log Scanner (NZDiv 1 & Div 2 Log Scanning Method)	5,023,805	Registered	US
Lug Loader	4,869,360	Registered	USCON 1
Lug Loader	1,228,873	Registered	CA
Lumber Moisture Content Sorter	1,278,071	Registered	CA
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	606,015	Registered	AU
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	1,281,392	Registered	CA
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	94,290	Registered	FI
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	2,670,114	Registered	JP
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	226,540	Registered	NZ
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	233,743	Registered	NZDiv 1
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	504,547	Registered	SE
Lumber Optimizer, NZDiv - A Method of Discriminating Knots in Lumber	4,879,752	Registered	US

NAME	PATENT#	CURRENT STATUS	COUNTRY
Lumber Trimmer	2,357,815	Pending	CA
Lumber Trimmer	09/965,020	Pending	US
Method and Apparatus For Automatically Placing Sheets of Plastic from a Roll onto a Roll onto the Second Top Tier of a Lumber Package	2,209,812	Pending	CA
Method and Apparatus For Automatically Placing Sheets of Plastic from a Roll onto a Roll onto the Second Top Tier of a Lumber Package	6,138,438	Registered	US
Method and Apparatus for Curve Sawing or Traverse Edging with an Active Sawbox	2,214,928	Pending	CA
Method and Apparatus for Curve Sawing or Traverse Edging with an Active Sawbox	5,946,995	Registered	US
Method and Apparatus for Curve Sawing with an Active Sawguide Package (Robo Gang)	60/184,422	Pending	USProv
Method and Apparatus for Fenceless Ending of Workpieces	2,371,388	Pending	CA
Method and Apparatus for Repositioning of Workpiece on a Lugged Transfer Chain	10/073,111	Pending	US
Method and Apparatus for Fenceless Ending of Workpieces	60/267,743	Pending	USProv
Method and Apparatus for Forming Curved Cants for Curve Sawing in an Active Gang Saw	2,202,120	Registered	CA
Method and Apparatus for Forming Curved Cants for Curve Sawing in an Active Gang Saw	5,816,302	Registered	US
Method and Apparatus for High Speed Variable Tier Width Lumber Stacking	2,211,384	Pending	CA
Method and Apparatus for High Speed Variable Tier Width Lumber Stacking	5,964,570	Registered	US
Method and Apparatus for Improved Identification of Probable Defects in a Workpiece	2,235,093	Pending	CA
Method and Apparatus for Improved Inspection and Classification of a Workpiece	09/900,095	Pending	USProv
Method and Apparatus for Improved Inspection and Classifications of Attributes of a Workpiece	2,235,176	Pending	CA

NAME	PATENT#	CURRENT STATUS	COUNTRY
Method and Apparatus for Improved Inspection and Classifications of Attributes of a Workpiece	6,272,437	Registered	US
Method and Apparatus for Mounting a Laser Diode unit In a Laser Scanner Module for Use in Sawmill Profile Scanning (Lasermount)	2,350,198	Pending	CA
Method and Apparatus for Mounting a Laser Diode unit In a Laser Scanner Module for Use in Sawmill Profile Scanning (Lasermount)	09/591,492	Pending	US
Method and Apparatus for Multiple Feeding of Flitches to a Board Edger	2,188,853	Registered	CA
Method and Apparatus for Multiple Feeding of Flitches to a Board Edger	5,826,637	Registered	US
Method and Apparatus for Optimizing Sub-Pixel Resolution in a Triangulation Based Distance Measuring Device	5,905,567	Registered	USCIP
Method and Apparatus for Optimizing Sub-Pixel Resolution in a Triangulation Based Distance Measuring Device	2,115,859	Registered	CA
Method and Apparatus for Optimizing Sub-Pixel Resolution in a Triangulation Based Distance Measuring Device	5,627,635	Registered	US
Method and Apparatus for Optimizing the Interface Between Actuatable Lumbermill Machinery and a High Speed Lugged Transfer Chain (High Speed Sorter)	2,316,058	Pending	CA
Method and Apparatus for Optimizing the Interface Between Actuatable Lumbermill Machinery and a High Speed Lugged Transfer Chain (High Speed Sorter)	09/639,822	Pending	US
Method and Apparatus for Positioning Flitches or Cants for a Board Edger or Gang Saw	2,229,332	Registered	CA
Method and Apparatus for Positioning Flitches or Cants for a Board Edger or Gang Saw	5,992,484	Registered	US
Method and Apparatus for Scanning, Optimizing and Edging a Board with an Active Edger	2,216,582	Pending	CA
Method and Apparatus for Scanning, Optimizing and Edging a Board with an Active Edger	6,062,280	Registered	US

NAME	PATENT#	CURRENT STATUS	COUNTRY
Method and Apparatus for the Variable Position Feeding of a Gang Saw	2,201,242	Registered	CA
Method and Apparatus for the Variable Position Feeding of a Gang Saw	5,853,038	Registered	US
Method and Apparatus for Video Lumber Grading	2,203,970	Pending	CA
Method and Apparatus for Video Lumber Grading	6,031,567	Registered	US
Position-Based Integrated Motion Controlled Curve Sawing	19195/97	Registered	AU
Position-Based Integrated Motion Controlled Curve Sawing	91349/01	Pending	AU Div
Position-Based Integrated Motion Controlled Curve Sawing	2,205,782	Pending	CA
Position-Based Integrated Motion Controlled Curve Sawing	982,015	Registered	FI
Position-Based Integrated Motion Controlled Curve Sawing	332,419	Registered	NZ
Position-Based Integrated Motion Controlled Curve Sawing	9803161-0	Registered	SE
Position-Based Integrated Motion Controlled Curve Sawing	5,884,682	Registered	US
Position-Based Integrated Motion Controlled Curve Sawing	09/505,255	Pending	USCon 1
Position-Based Integrated Motion Controlled Curve Sawing	6,039,098	Registered	USDiv 1
Position-Based Integrated Motion Controlled Curve Sawing	6,039,097	Registered	USDiv 2
Rotatable Saw Unit for Optimized Log Breakdown	2,316,056	Pending	CA
Rotatable Saw Unit for Optimized Log Breakdown	09/639,823	Pending	US
Side Shifting Carriage Frame Stick Placer	2,137,701	Registered	CA
Side Shifting Carriage Frame Stick Placer	5,580,212	Registered	US
Singulator and Allocator for Elongated Members	2,149,948	Registered	CA
Singulator and Allocator for Elongated Members	962,183	Registered	FI
Singulator and Allocator for Elongated Members	9601921-1	Registered	SE
Singulator and Allocator for Elongated Members	5,813,512	Registered	US
Spike Stick and Lath Placer	2,237,951	Pending	CA
Spike Stick and Lath Placer	6,065,927	Registered	US
Stepped Positioning Fence	2,241,481	Pending	CA
Stepped Positioning Fence	6,311,828	Registered	US

NAME	PATENT#	CURRENT STATUS	COUNTRY
Stick Placer	2,345,861	Pending	CA
Stick Placer	60/287,011	Pending	USProv1
Threaded Ring and Nut Variable Target Size Sawguides for Circular Gang Saws	2,192,508	Registered	CA
Threaded Ring and Nut Variable Target Size Sawguides for Circular Gang Saws	5,809,859	Registered	US
Tilt Cradle Breakdown Hoist	2,121,401	Registered	CA
Tilt Hoist with Multiple Independent Rotatable Masts	2,200,654	Registered	CA
Tilt Hoist with Multiple Independent Rotatable Masts	5,795,126	Registered	US
Trimmer Flexible Positioning Fence	2,191,390	Registered	CA
Trimmer Flexible Positioning Fence	5,865,080	Registered	US
Vaccum Assisted Stick Placer	2,134,598	Registered	CA
Vaccum Assisted Stick Placer	5,636,965	Registered	US
Vacuum Stick and Lath Placer	2,200,656	Registered	CA
Vacuum Stick and Lath Placer	5,863,176	Registered	US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/610426
	Filing Date	June 30, 2003
	First Named Inventor	Steve C. Woods et al
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	25	Attorney Docket Number ED01-P17-3

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Receipt Post Card; 2
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Recordation Form Cover Sheets; 2
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Assignments
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	John S. Reid , Registration Number 36,369
Signature	<i>John S. Reid</i>
Date	30-August-2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:		30-August-2003
Typed or printed	Louisa B. Reid	
Signature	<i>Louisa B. Reid</i>	Date 30-Aug-2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 80.00

Complete if Known

Application Number	10/610426
Filing Date	June 30, 2003
First Named Inventor	Steve C. Woods et al
Examiner Name	
Art Unit	
Attorney Docket No.	ED01-P17-3

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number: 502297
 Deposit Account Name: Petrarola Langford Edward

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per properly (times number of properties)	80.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	=
Multiple Dependent	-3** =	X	=

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 0.00

**or number previously paid, if greater. For Reissues, see above

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 80.00

SUBMITTED BY

Name (Print/Type)	John S. Reid	Registration No. (Attorney/Agent)	36,369	Telephone	509 534-5789
Signature		Date	30-Aug-2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Examiner Name	
Art Unit	
Attorney Docket No.	ED01-P17-3

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number: 502297
Deposit Account Name: Petraroia Langford Edward

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	=
Multiple Dependent	-3** =	X	=

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	80.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)				(\$ 80.00)	

SUBMITTED BY

Name (Print/Type)	John S. Reid	Registration No. (Attorney/Agent)	36,369	Telephone	509 534-5789
Signature	<i>[Signature]</i>	Date	30-Aug-2003		

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