

Form U.S. Patent and Trademark Office
1-31-92

OPR/FRAN

05-24-2000

U.S. Department of Commerce
Patent and Trademark Office

IEET



To the Honorable Commissioner
Please record the attached on

101365617

1. Name of conveying party(ies):

Danny W. Bothe
Brian R. Wellnitz
David H. Roland
Brett Vladika

*MKD. w
S. 8*

Additional name(s) of conveying party(ies)
attached?

Yes No

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

BROAN-NUTONE LLC
926 West State Street
Hartford, Wisconsin 53027-1098 USA

Additional name(s) and address(es) attached?

Yes No

OPR/FRAN
MAY 23 2 29 PM '00

3. Nature of Conveyance:

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

Execution Dates: February 21 and 23, 2000

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

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

A. Patent Application No(s).

29/119,202

B. Patent No(s).

Additional numbers attached? Yes No

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

JOSEPH D. KUBORN
ANDRUS, SCEALES, STARKE & SAWALL, LLP
100 East Wisconsin Avenue, Suite 1100
Milwaukee, WI 53202

6. Total number of applications and
patents involved: 1

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

- Enclosed
- Authorized to charge Deposit
Account

8. Deposit Account No. 01.2000
(Attach duplicate copy of this page
if paying by Deposit Account)

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.

Veronica K. Haupt
Name of Person Signing

Veronica K. Haupt
Signature

5-2-2000
Date

Total number of pages including cover sheet, attachments and document: 7

OMB No. 0651-0011 (exp. 4/94)

05/23/2000 ASCOTT 00000177 29119202

01 FC:581

40.00 OP

ASSIGNMENT

ASSIGNMENT made by DANNY W. BOTHE, of 911 Franklin Street, City of Watertown, State of Wisconsin 53094, Country of U.S.A., BRIAN R. WELLNITZ, of 346 Juniper Court, City of Grafton, State of Wisconsin 53024, Country of U.S.A., DAVID H. ROLAND, of 676 Starlet Drive, City of Cedarburg, State of Wisconsin 53012, Country of U.S.A., and BRETT VLADIKA, of 1002 East Townsend, City of Milwaukee, State of Wisconsin 53212, Country of U.S.A. to BROAN-NUTONE LLC, a corporation organized under the laws of the State of Delaware, and located and doing business at 926 West State Street, Hartford, Wisconsin 53027-1098, USA.

IN CONSIDERATION of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, said DANNY W. BOTHE, BRIAN R. WELLNITZ, DAVID H. ROLAND and BRETT VLADIKA hereby sell, assign and transfer to said BROAN-NUTONE LLC, its successors and assigns, the entire right, title and interest in:

RANGE HOOD

and the invention therein as set forth in their application for United States Letters Patent therefor, executed on February 21 & 23, 2000, and in and to said application and any divisions or continuations thereof, and any Letters Patent obtained for the said invention in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such Letters Patent.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to said BROAN-NUTONE LLC, as assignee of the entire right, title and interest therein.

And, said DANNY W. BOTHE, BRIAN R. WELLNITZ, DAVID H. ROLAND and BRETT VLADIKA hereby covenant that they have full right to convey the entire right, title and interest in said invention, and that they have not executed and will not execute any agreement in conflict herewith.

And, they further covenant that they will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in said BROAN-NUTONE LLC, to said invention or any Letters Patent that may be granted therefor, and that if said BROAN-NUTONE LLC, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, that they will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of said BROAN-NUTONE LLC.

And, they further covenant and acknowledge that the entire beneficial interest in the invention to which the above application relates is irrevocably vested in the assignee including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

And, they further covenant that they will at all times, communicate to the said BROAN-NUTONE LLC, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to them, and testify as to the same in interferences or other litigation when requested so to do.

We hereby authorize the above-mentioned assignee or the attorney of record to insert in this instrument the filing date serial number of our said application:

Serial No.: 29/119,202

Filing Date: February 24, 2000

Executed and delivered this 21 day of February, ²⁰⁰⁰19.

Danny W. Bothe
DANNY W. BOTHE

STATE OF Wisconsin)
: ss
COUNTY OF Washington)

Personally appeared before me this 21st day of February, 2000, DANNY W. BOTHE, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

(SEAL)

M. Kay Dalton
Notary Public
My Commission expires 3-2-03

Executed and delivered this 21 day of February, 2000.

x Brian R. Wellnitz
BRIAN R. WELLNITZ

STATE OF Wisconsin)
: ss
COUNTY OF Washington)

Personally appeared before me this 21st day of February, 2000, BRIAN R. WELLNITZ, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

(SEAL)

M. Kay Dalton
Notary Public
My Commission expires 3-2-03

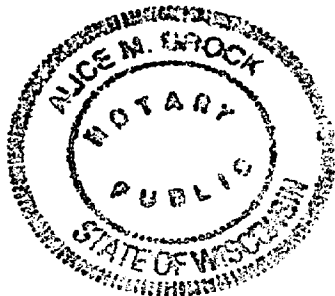
Executed and delivered this 23 day of FEBRUARY, 192000.

x David H. Roland
DAVID H. ROLAND

STATE OF Wisconsin)
: ss
COUNTY OF Ozaukee)

Personally appeared before me this 23rd day of February, 2000, DAVID H. ROLAND, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledge that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

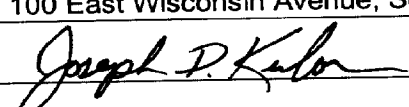
(SEAL)

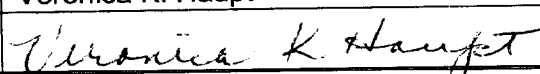


Alice M. Brock
Notary Public
My Commission expires 3-25-01

| | | | |
|---|-----------------------------|------------------------|----------------|
| 0001/PTO Rev. 10/95 TRANSMITTAL FORM (to be used for all correspondence after initial filing) | U.S. Department of Commerce | Application Number | 29/119,202 |
| | Patent and Trademark Office | Filing Date | 02-24-2000 |
| | | First Named Inventor | Danny W. Bothe |
| | | Group Art Unit | 2900 |
| | | Examiner Name | |
| Total Number of pages in this Submission | 7 | Attorney Docket Number | 43-00137 |

| ENCLOSURES (check all that apply) | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Response <input type="checkbox"/> After final <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement/PTO-1449 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts Under 37 1.52 or 1.53 | <input checked="" type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> After Allowance Communication To Group <input type="checkbox"/> Appeal Communication to Board Of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (Please identify below) <div style="border: 1px solid black; padding: 5px; width: fit-content;"> Return receipt postcard </div> |
| <div style="border: 1px solid black; padding: 5px; width: 20%; margin: 0 auto;"> Remarks </div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm Or Individual Name | Joseph D. Kuborn ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202 |
| Signature |  |
| Date | 05/02/00 |

| CERTIFICATE OF MAILING | |
|--|---|
| I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on this date: | |
| <div style="border: 1px solid black; padding: 5px; width: 20%;"> 05/02/00 </div> | |
| Typed or printed name | Veronica K. Haupt |
| Signature |  |
| Date | 05/02/00 |

| | | | |
|--|--------------------------|------------------------|----------|
| PTO/SB/17 (10/97) <h2 style="text-align: center;">FEE TRANSMITTAL</h2> | COMPLETE IF KNOWN | | |
| | Application Number | 29/119,202 | |
| | Filing Date | 02-24-2000 | |
| | First Named Inventor | Danny W. Bothe | |
| | Group Art Unit | 2900 | |
| Examiner Name | | | |
| Total Amount of Payment | \$40.00 | Attorney Docket Number | 43-00137 |

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01.2000

Deposit Account Name Andrus, Scales, Starke & Sawall, LLP

Charge any additional fee required under 37 CFR 1.16 and 1.17 Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)

3. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION (fees effective 10/01/97)

1. Filing Fee

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Description | Fee |
|----------------------------|----------------------------|------------------------|----------------|
| 101 760 | 201 380 | Utility filing fee | _____ |
| 106 310 | 206 155 | Design filing fee | _____ |
| 107 480 | 207 240 | Plant filing fee | _____ |
| 108 760 | 208 380 | Reissue filing fee | _____ |
| 114 150 | 214 75 | Provisional filing fee | _____ |
| SUBTOTAL (1) | | | \$ 0.00 |

2. Claims

| Total claims | Extra | Fee from below | Fee Paid |
|---------------------------|-------|----------------|----------|
| ___ -20= ___ | X | _____ = | _____ |
| Independent ___ - 3= ___ | X | _____ = | _____ |
| Multiple Dependent Claims | ___ X | _____ = | _____ |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee |
|----------------------------|----------------------------|---|----------------|
| 103 18 | 203 9 | Claims in excess of 20 | _____ |
| 102 78 | 202 39 | Independent claims in excess of 3 | _____ |
| 104 260 | 204 130 | Multiple dependent claim | _____ |
| 109 78 | 209 39 | Reissue independent claims over original patent | _____ |
| 110 18 | 210 9 | Reissue claims in excess of 20 and over original patent | _____ |
| SUBTOTAL (2) | | | \$ 0.00 |

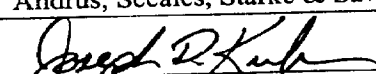
FEE CALCULATION (continued)

2. Additional Fees

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--|-----------------|
| 105 130 | 205 65 | Surcharge-late filing fee or oath | _____ |
| 127 50 | 227 25 | Surcharge-late provisional filing fee or cover sheet | _____ |
| 139 130 | 139 130 | Non-English specification | _____ |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | _____ |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | _____ |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | _____ |
| 115 110 | 215 55 | Extension for response within first month | _____ |
| 116 400 | 216 200 | Extension for response within second month | _____ |
| 117 950 | 217 475 | Extension for response within third month | _____ |
| 118 1,510 | 218 755 | Extension for response within fourth month | _____ |
| 128 2,060 | 228 1,030 | Extension for response within fifth month | _____ |
| 119 310 | 219 155 | Notice of appeal | _____ |
| 120 310 | 220 155 | Filing a brief in support of an appeal | _____ |
| 121 270 | 221 135 | Request for oral hearing | _____ |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | _____ |
| 140 110 | 240 55 | Petition to revive unavoidably abandoned application | _____ |
| 141 1,320 | 241 660 | Petition to revive unintentionally abandoned application | _____ |
| 142 1,320 | 242 660 | Utility issue fee (or reissue) | _____ |
| 143 450 | 243 225 | Design issue fee | _____ |
| 144 670 | 244 335 | Plant issue fee | _____ |
| 122 130 | 122 130 | Petitions to the Commissioner | _____ |
| 123 50 | 123 50 | Petitions related to provisional applications | _____ |
| 126 240 | 126 240 | Submission of Information Disclosure Statement | _____ |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | \$40 |
| 146 790 | 246 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | _____ |
| 149 790 | 249 395 | For each additional invention to be examined (37 CFR 1.129(b)) | _____ |
| Other fee (specify) _____ | | | |
| Other fee (specify) _____ | | | |
| SUBTOTAL (3) | | | \$ 40.00 |

*Reduced by Basic Filing Fee Paid

| | | | |
|----------------------|--|---------------------------------|----------|
| SUBMITTED BY | | COMPLETE (if applicable) | |
| Type or Printed name | Joseph D. Kuborn Andrus, Scales, Starke & Sawall, LLP | Registration Number | 40,689 |
| Signature | | Date | 05/02/00 |
| | | Deposit Account User ID | |

| PTO/SB/17 (10/97) FEE TRANSMITTAL | | COMPLETE IF KNOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------|---|-----------|---|----------|-------------------------|--|-----------|-----------|-----------|-----------|-----------------|----------|-----|-----|-----|----|-----------------------------------|-------|-----|----|-----|----|--|-------|-----|-----|-----|-----|---------------------------|-------|-----|-------|-----|-------|--|-------|-----|------|-----|------|--|-------|-----|--------|-----|--------|---|-------|-----|-----|-----|----|---|-------|-----|-----|-----|-----|--|-------|-----|-----|-----|-----|---|-------|-----|-------|-----|-----|--|-------|-----|-------|-----|-------|---|-------|-----|-----|-----|-----|------------------|-------|-----|-----|-----|-----|--|-------|-----|-----|-----|-----|--------------------------|-------|-----|-------|-----|-------|---|-------|-----|-----|-----|----|--|-------|-----|-------|-----|-----|--|-------|-----|-------|-----|-----|--------------------------------|-------|-----|-----|-----|-----|------------------|-------|-----|-----|-----|-----|-----------------|-------|-----|-----|-----|-----|-------------------------------|-------|-----|----|-----|----|---|-------|-----|-----|-----|-----|--|-------|-----|----|-----|----|---|-------|-----|-----|-----|-----|---|-------|-----|-----|-----|-----|--|-------|---------------------------|--|--|--|--|--|---------------------------|--|--|--|--|--|--------------|--|--|--|---------|--|
| | | Application Number | | 29/119,202 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Filing Date | | 02-24-2000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | First Named Inventor | | Danny W. Bothe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Group Art Unit | | 2900 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Examiner Name | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Amount of Payment | | \$40.00 | | Attorney Docket Number | | 43-00137 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| METHOD OF PAYMENT (check one) | | | | FEE CALCULATION (continued) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number 01.2000 Deposit Account Name Andrus, Scales, Starke & Sawall, LLP <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b) | | | | 2. Additional Fees Large Entity Fee Code (\$) Small Entity Fee Code (\$) Fee Description Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other | | | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Code (\$)</th> <th>Code (\$)</th> <th>Code (\$)</th> <th>Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee or oath</td><td>_____</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td>_____</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td>_____</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td>_____</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>_____</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>_____</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within first month</td><td>_____</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for response within second month</td><td>_____</td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for response within third month</td><td>_____</td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for response within fourth month</td><td>_____</td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for response within fifth month</td><td>_____</td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of appeal</td><td>_____</td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td>_____</td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td>_____</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td>_____</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td>_____</td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive unintentionally abandoned application</td><td>_____</td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility issue fee (or reissue)</td><td>_____</td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design issue fee</td><td>_____</td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant issue fee</td><td>_____</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td>_____</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td>_____</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td>_____</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per \$40 property (times number of properties)</td><td>_____</td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td>_____</td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td>_____</td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (1)</td> <td colspan="2" style="border: 1px solid black; padding: 2px;">\$ 0.00</td> </tr> </tbody> </table> | | | | Code (\$) | Code (\$) | Code (\$) | Code (\$) | Fee Description | Fee Paid | 105 | 130 | 205 | 65 | Surcharge-late filing fee or oath | _____ | 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | _____ | 139 | 130 | 139 | 130 | Non-English specification | _____ | 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | _____ | 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ | 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ | 115 | 110 | 215 | 55 | Extension for response within first month | _____ | 116 | 400 | 216 | 200 | Extension for response within second month | _____ | 117 | 950 | 217 | 475 | Extension for response within third month | _____ | 118 | 1,510 | 218 | 755 | Extension for response within fourth month | _____ | 128 | 2,060 | 228 | 1,030 | Extension for response within fifth month | _____ | 119 | 310 | 219 | 155 | Notice of appeal | _____ | 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | _____ | 121 | 270 | 221 | 135 | Request for oral hearing | _____ | 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ | 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application | _____ | 141 | 1,320 | 241 | 660 | Petition to revive unintentionally abandoned application | _____ | 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | _____ | 143 | 450 | 243 | 225 | Design issue fee | _____ | 144 | 670 | 244 | 335 | Plant issue fee | _____ | 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ | 123 | 50 | 123 | 50 | Petitions related to provisional applications | _____ | 126 | 240 | 126 | 240 | Submission of Information Disclosure Statement | _____ | 581 | 40 | 581 | 40 | Recording each patent assignment per \$40 property (times number of properties) | _____ | 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | _____ | 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | _____ | Other fee (specify) _____ | | | | | | Other fee (specify) _____ | | | | | | SUBTOTAL (1) | | | | \$ 0.00 | |
| Code (\$) | Code (\$) | Code (\$) | Code (\$) | Fee Description | Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 130 | 205 | 65 | Surcharge-late filing fee or oath | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | 130 | 139 | 130 | Non-English specification | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 110 | 215 | 55 | Extension for response within first month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 400 | 216 | 200 | Extension for response within second month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 117 | 950 | 217 | 475 | Extension for response within third month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 118 | 1,510 | 218 | 755 | Extension for response within fourth month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 128 | 2,060 | 228 | 1,030 | Extension for response within fifth month | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 119 | 310 | 219 | 155 | Notice of appeal | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 121 | 270 | 221 | 135 | Request for oral hearing | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 110 | 240 | 55 | Petition to revive unavoidably abandoned application | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | 1,320 | 241 | 660 | Petition to revive unintentionally abandoned application | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 450 | 243 | 225 | Design issue fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 144 | 670 | 244 | 335 | Plant issue fee | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Statement | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per \$40 property (times number of properties) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other fee (specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL (1) | | | | \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEE CALCULATION (fees effective 10/01/97) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1. Filing Fee Large Entity Fee Code (\$) Small Entity Fee Code (\$) Utility filing fee _____ Design filing fee _____ Plant filing fee _____ Reissue filing fee _____ Provisional filing fee _____ SUBTOTAL (1) \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. Claims Total claims -20= X _____ = _____ Independent Claims - 3= X _____ = _____ Multiple Dependent Claims X _____ = _____ Large Entity Fee Code (\$) Small Entity Fee Code (\$) Fee Description Claims in excess of 20 _____ Independent claims in excess of 3 _____ Multiple dependent claim _____ Reissue independent claims over original patent _____ Reissue claims in excess of 20 and over original patent _____ SUBTOTAL (2) \$ 0.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SUBTOTAL (3) \$ 40.00 *Reduced by Basic Filing Fee Paid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBMITTED BY | | | | COMPLETE (if applicable) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type or Printed name | | Joseph D. Kuborn Andrus, Scales, Starke & Sawall, LLP | | Registration Number | | 40,689 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature | |  | | Date | 05/02/00 | Deposit Account User ID | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |