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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>12912488 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>DOYLE, THOMAS F. |
|  | <b>Examiner</b><br><br>Stephen M D'Agosta      | <b>Art Unit</b><br><br>2617  |

| CPC- SEARCHED |      |          |
|---------------|------|----------|
| Symbol        | Date | Examiner |
|               |      |          |

| CPC COMBINATION SETS - SEARCHED |      |          |
|---------------------------------|------|----------|
| Symbol                          | Date | Examiner |
|                                 |      |          |

| US CLASSIFICATION SEARCHED |   |          |          |
|----------------------------|---|----------|----------|
| Class                      | Subclass  | Date     | Examiner |
| 455                        | 11.1, 13.1, 41.2, 41.3, 404.2, 414.1, 456.1 - .6, 457 | 2-7-2011 | SMD      |
| 370                        | 310.2, 328, 338                                       | 2-7-2011 | SMD      |

| SEARCH NOTES   |           |          |
|--|-----------|----------|
| Search Notes   | Date      | Examiner |
| Inventor search -- Dbl Pat (CON)   | 2-7-2011  | SMD      |
| reviewed parent case prior art   | 2-7-2011  | SMD      |
| East DB's and Text   | 2-7-2011  | SMD      |
| No USC 101/112 issues  | 2-7-2011  | SMD      |
| reviewed AMDT - OK to allow  | 3-21-2012 | SMD      |
| reviewed RCE amdt-after-allowance - claims were broadened (wrote NFOA)                       | 6-27-2012 | SMD      |
| reviewed Amdt (editorial changes - wrote final).....no USC 112 since apparatus and known H/W | 7-15-2013 | SMD      |
| reviewed RCE amdt (NO tech changes, just rearranged)....wrote NFOA                           | 10-29-13  | SMD      |

| INTERFERENCE SEARCH     |                               |           |          |
|-------------------------|-------------------------------|-----------|----------|
| US Class/<br>CPC Symbol | US Subclass / CPC Group       | Date      | Examiner |
|                         | updated above and Text/Claims | 3-21-2012 | SMD      |

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