

INDEX OF PATENTS

Part II, Index to Subjects of Invention

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INDEX OF PATENTS

PART 2: INDEX TO SUBJECTS OF INVENTION

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CLASSIFICATION OF PATENTS

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NOTES CONCERNING USE OF THE CLASSIFICATION OF PATENTS LISTING AND RELATED REFERENCE PUBLICATIONS

In the index which follows, the subject of invention of each patent issued during 1965 is identified by the class and subclass numbers of the official U.S. Patent Office classification in which the patent was classified at the time of issue. The Index is arranged in numerical order by class numbers, which appear as bold-face entries centered in the columns, and thereunder, in similar order, by subclasses which appear in the numerals in the left hand half of the columns. There are 63,110 patent and reissue patent numbers listed in the Index. A similar listing appears for design patents and plant patents which are separately shown under their respective classifications.

In order to find patent numbers in the Index pertaining to a particular subject, the user must first know the class and subclass in which the Patent Office assigns inventions relating to that subject. In some instances a number of classes and subclasses may be pertinent. The process of finding this information requires the coordinated use of several other Patent Office publications usually found in collections which contain the *Index of Patents*. Each of them is considered below.

Manual of Classification: This publication is the source of the needed information as it contains the entire classification schedule showing the number and descriptive title of every class and subclass. It is, also, the key aid in the finding system as it provides a number of features aimed at assisting the user to identify his search problem and to use its content in locating the specific classification representing the subject matter of concern to him. These features include (1) listings of the class titles in alphabetical order; (2) description of the plan of the Manual; (3) discussion of the basis of classification, the scope of the classes, and the schematic arrangement of subclasses; (4) instructions on reading subclass titles and definitions; and, (5) suggestions on procedure for finding pertinent classification.

Index to Classification: This publication contains more than 300 pages of subject matter headings showing for each heading the class and subclass to which it pertains. They are arranged in alphabetical order in main heading and subheading categories, the latter being indented under the main headings and sometimes further subdivided. The headings include key words and significant phrases taken from the class and subclass titles, but they are neither limited to this source nor include all of them. Many technical as well as common terms of reference to objects, arts, processes, compositions of matter, etc., not found in the classification schedule are included in the index headings so as to offer a practical and convenient aid to finding patented subject matter.

Classification Bulletins: This is a series of numbered publications which supplements the *Manual of Classification* by giving detailed definitions and illustration of the kind of subject matter that can be found in each class and subclass, describing the lines of distinction among them, and containing references to other classes and subclasses having related subject matter. There is a separate Bulletin for each major classification, which is identified in the heading to each class in the Manual.

Use of Reference Publications

As a first step, the searcher should look in the *Index to Classification* for the term which to him best represents the subject matter of interest. If a match is not

found, he should look for terms of approximately the same meaning, for terms of either broader or narrower scope, or for terms which represent a different approach to the subject (e.g., the essential *function* or the *effect* of use or application of the art or object of concern). This requires that the user interact with the content of the Index, exercising judgment and imagination to consider alternatives or to find in the listed items some aspect of pertinency to his subject.

On finding the identifying numbers of possibly pertinent classes and subclasses in the Index, the user should refer to the *Manual of Classification* and ascertain from among the existing choices, the precise classification identity of his subject interest. Having thus determined the appropriate class and subclass, the searcher is ready to turn to the "Classification of Patents" listings to look for the corresponding numbers in its columns. The patent numbers found listed under the relevant classification provide the information needed to gain access to the patents themselves or to the extracts from them which are printed in the Official Gazette. In the latter connection, the user will find on the last page of this section a table entitled "List of Patent, Design, Plant Patent, and Reissue Numbers Appearing in the Official Gazette for 1965" which will guide him to the issue of the Official Gazette containing any specific patent number. He will find listed elsewhere in this section the 22 libraries which receive all U.S. patents and maintain them for public use in numerical order and the more than 300 depository libraries which receive the Official Gazette.

When the class and subclass which the searcher has determined to represent his interest does not appear in the "Classification of Patents" listing, he may assume that no patents were issued in that classification during the year. The possibility of this being the case is indicated by the fact that patents issued in less than one-third of the total number of subclasses in the classification.

If, after following the above-described procedure in using the *Index to Classification*, the searcher fails to find a pertinent classification, he should turn to the listings which appear at the front of the *Manual of Classification*. He should consider, particularly, the listing of groups of related subjects and the listing of classes arranged in alphabetical order which, in different ways, lay the entire framework of the classification in broad focus before him. He should scan the titles which appear on these sheets and note those which would appear to contain the subject matter sought.

Whichever of these approaches is taken, the searcher is guided to the classification schedules. He should inspect them carefully, proceeding from one major coordinate subclass to another until finding one which seems most nearly pertinent. The minor subclasses therein should then be scanned to find the title which indicates inclusion of the subject matter in question. Where doubt exists as to choice among several subclasses, the user should consult the Classification Bulletin containing the definitions of the class under study.

Further information on the use of the reference publications discussed above, as aids in using numerical files of patents or extracts of patents published in issues of the Official Gazette which may be found in the libraries listed elsewhere in this section, is offered in the illustrated publication *How To Obtain Information From United States Patents*, available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402, at 20 cents a copy.

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.5 : 3.172.418	68 : 3.163.866	3.200.414	90 : 3.184.761	3.209.377	261 : 3.199.122	15 : 3.218.653
.5 : 3.172.119	3.206.761	3.209.370	100 : 3.193.846	3.209.378	267 : 3.205.513	16 : 3.186.009
.5 : 3.172.120	69 : 3.176.315	3.200.414	107 : 3.205.509	17 : 3.167.788	282 : 3.188.664	
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 166 : 3,217,343

Class 11

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 4 : 3,189,925
 15.1 : 3,170,177
 32 : 3,174,170
 83 : 3,184,770
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 50.5 : 3,171,147
 53.5 : 3,206,779
 59.7 : 3,193,860
 64 : 3,217,344
 3,183,531
 114.8 : 3,187,357
 115.6 : 3,168,753
 .8 : 3,193,861
 116.2 : 3,206,780
 .8 : 3,175,237
 117.4 : 3,192,544
 120.5 : 3,183,535
 .5 : 3,199,131
 .5 : 3,203,002
 128 : 3,200,427
 136 : 3,181,186
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142 : 3,168,754
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 147 : 3,172,136

Class 13

1 : 3,165,571
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 6 : 3,179,731
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 3,192,302
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 9 : 3,164,657
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 3,180,915
 3,180,916
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 3,187,159
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 3,222,445
 3,171,878
 10 : 3,179,733
 11 : 3,179,733
 12 : 3,179,734
 3,193,605
 13 : 3,187,077
 3,187,078
 3,209,060
 14 : 3,189,673
 3,198,869
 15 : 3,187,079
 16 : 3,198,870
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 20 : 3,179,735
 3,195,159
 21 : 3,198,871
 23 : 3,184,530
 25 : 3,179,736
 3,202,750
 26 : 3,200,185
 27 : 3,165,572
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 3,180,917
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 3,190,948
 3,210,455
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 29 : 3,173,982
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 31 : 3,170,018
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 33 : 3,213,178
 34 : 3,192,303
 35 : 3,184,531

Class 14

1 : 3,189,926
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 71 : 3,163,873
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 3,201,813
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 72 : 3,182,343
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72 : 3,192,546
 73 : 3,181,187
 77 : 3,188,668
 .7 : 3,170,180
 .7 : 3,191,206
 .7 : 3,220,037
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 22 : 3,166,772
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 3,181,189
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 23 : Re.25.898
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 26 : 3,214,776
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 83 : 3,178,746
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 85 : 3,221,356
 87 : 3,186,017
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 .165 : 3,205,518
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 .3 : 3,213,473

Class 15

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 183 : 3,200,430
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 184 : 3,205,523
 187 : 3,214,777
 192 : 3,172,141
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 201 : 3,205,524
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 .3 : 3,213,473

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 250.01 : 3,171,153
 .02 : 3,171,154
 .02 : 3,171,155
 .02 : 3,181,194
 .02 : 3,188,678
 .02 : 3,209,384
 .04 : 3,192,550
 .06 : 3,195,161
 .06 : 3,201,818
 .11 : 3,178,750
 .11 : 3,218,663
 .12 : 3,168,758
 .12 : 3,20

Class 18—Con.

30 : 3,221,373
 3,222,726
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 3,224,043
 33 : 3,176,350
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 34 : 3,167,817
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 3,173,177
 3,178,773
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 35 : 3,210,806
 3,222,728
 36 : 3,174,188
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 3,189,947
 3,192,567
 3,209,409
 3,222,729
 3,224,045
 38 : 3,170,193
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 3,193,882
 3,196,491
 39 : 3,165,786
 3,175,250
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 3,193,883
 41 : 3,170,194
 42 : 3,164,864
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 45 : 3,164,865
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 3,192,570
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 46 : 3,164,866
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 47 : 3,166,796

Class 19

25: 3,167,819
 25: 3,191,236
 25: 3,199,151
 25: 3,216,063
 51: 3,209,410
 8 : 3,187,385
 50 : 3,218,674
 59 : 3,163,889
 60 : 3,225,389
 64.5 : 3,177,529
 65 : 3,169,277
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 66 : 3,214,798
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 81 : 3,166,797
 84 : 3,200,445
 98 : 3,225,391
 105 : 3,169,278
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 3,204,296
 107 : 3,212,138
 114 : 3,175,251
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 144.5 : 3,165,790
 145.5 : 3,175,252
 5 : 3,204,298
 5 : 3,208,107
 148 : 3,170,197
 150 : 3,195,187
 151 : 3,172,164
 155 : 3,187,386
 156.3 : 3,187,387
 159 : 3,169,279
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 3,214,799

159 : 3,218,677
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 161 : 3,192,572
 163 : 3,183,557
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 204 : 3,205,538
 218 : 3,217,365
 225 : 3,184,799
 236 : 3,176,351
 239 : 3,203,051
 241 : 3,206,803
 243 : 3,216,064
 245 : 3,166,798
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 248 : 3,176,352
 252 : 3,222,731
 253 : 3,167,820
 255 : 3,195,188
 261 : 3,192,573
 267 : 3,164,867
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 272 : 3,168,760
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 282 : 3,212,139
 287 : 3,205,540
 294 : 3,216,065

Class 20

5 : 3,170,198
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 2 : 3,191,239
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 126: 3,183,558
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 4 : 3,163,890
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 6 : 3,177,531
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 8 : 3,192,574
 9 : 3,175,253
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 19 : 3,166,801
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19 : 3,208,109
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 23 : 3,171,164
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 27 : 3,201,830
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 55 : 3,195,195
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 56.3 : 3,210,808
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 5 : 3,167,823
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 2 : 3,210,812
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 92 : 3,166,802
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 4 : 3,191,244
 99 : 3,170,201
 101 : 3,176,354

Class 21

2.5 : 3,174,818
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 5 : 3,226,180
 7 : 3,197,272
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 62 : 3,199,945
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 78 : 3,174,819
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Class 22

1 : 3,183,562
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 4 : 3,171,168
 5.5 : 3,179,988
 5 : 3,181,206
 5 : 3,203,054
 9 : 3,171,169
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Class 23

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Table with multiple columns of patent numbers and classification codes. Includes entries like 14.5 : 3.222.124, 107 : 3.201.195, 165 : 3.181.931, 209 : 3.219.414, 253 : 3.192.017, 281 : 3.195.986, 300 : 3.197.289, etc.

Class 24

Class 24—Con.

73 : 3,200,459 3,203,059 3,204,308 3,205,544 3,208,122 3,208,123 3,210,816 3,212,148 3,213,500	153 : 3,176,363 3,181,218 3,217,372 158 : 3,167,833 3,179,995 160 : 3,220,075 162 : 3,225,404 165 : 3,222,743 170 : 3,177,545 181 : 3,175,266 3,208,124 3,209,423 188 : 3,187,397 3,204,314 191 : 3,187,398 3,213,502 194 : 3,197,834 196 : 3,163,905 3,169,291 3,178,787 3,189,963 3,192,586 3,193,898 3,209,424 3,213,503 3,214,814 197 : 3,165,802 198 : 3,218,686 200 : 3,192,587 3,192,588 3,214,815 201 : 3,173,184 3,175,265 3,177,546 3,186,052 3,200,461 3,203,062 3,213,504 3,213,505 3,220,076 203 : 3,181,219 204 : 3,192,589 3,196,511 3,214,816 205 : 3,164,875 3,174,201 1 : 3,167,834 1 : 3,179,996 11 : 3,163,906 11 : 3,170,207 11 : 3,175,268 11 : 3,210,819 11 : 3,214,817 11 : 3,224,061 12 : 3,191,255 13 : 3,178,788 13 : 3,189,964 13 : 3,199,162 14 : 3,170,208 14 : 3,186,053 14 : 3,225,405 15 : 3,201,839 16 : 3,200,462 206 : 3,187,399 207 : 3,212,150 3,187,396 3,204,310 125 : 3,166,810 3,177,542 3,183,566 3,186,051 3,201,838 3,210,818 3,222,741 126 : 3,163,902 3,163,903 3,163,904 3,172,180 3,177,543 3,189,962 3,193,896 3,196,510 3,204,311 3,214,812 129 : 3,164,874 3,221,383 3,225,403 132 : 3,199,161 134 : 3,165,801 3,177,544 3,179,994 3,193,897 3,204,312 3,222,742 135 : 3,182,371 137 : 3,171,181 3,192,585 3,204,313 3,214,813 3,217,371 146 : 3,197,833 3,221,384 150 : 3,209,422	230 : 3,179,997 3,181,221 3,182,372 3,183,568 3,186,054 3,189,966 3,195,202 3,200,463 3,200,464 3,201,840 3,203,064 3,203,065 3,206,820 3,212,151 3,212,152 3,225,406 235 : 3,187,395 238 : 3,212,153 239 : 3,217,373 241 : 3,186,055 3,193,899 3,213,508 243 : 3,201,841 3,205,547 3,225,407 245 : 3,177,549 3,177,550 3,192,591 3,224,063 248 : 3,163,907 3,171,184 3,201,842 250 : 3,205,548 252 : 3,170,212 3,178,789 3,213,509 253 : 3,171,178 255 : 3,170,213 257 : 3,187,400 3,203,066 260 : 3,176,367 261 : 3,172,181 3,195,203 263 : 3,170,214 3,182,373 3,188,708 3,188,709 3,192,592 3,197,835 3,197,836 3,210,821 264 : 3,205,549 265 : 3,167,836 3,170,215 3,175,269 3,175,270 3,178,790 3,189,967 3,199,163 3,203,067 3,217,374 3,225,408 269 : 3,222,745 270 : 3,177,551 3,183,569 274 : 3,175,271 3,189,968 3,195,204 3,203,068 277 : 3,192,593 3,209,426 278 : 3,191,256 279 : 3,166,812 3,175,267 3,189,969 3,195,205 3,195,206 3,209,427 280 : 3,166,813 3,176,368 284 : 3,189,970	38 : 3,216,080 39 : 3,176,370 3,201,844 3,206,822 41 : 3,176,371 3,177,552 3,181,222 3,196,513 3,201,845 3,213,511 3,217,375 3,224,064 3,225,409 42 : 3,222,748 43 : 3,193,903 45 : 3,177,553 3,178,792 84 : 3,179,998 3,225,410 90 : 3,183,570 91 : 3,225,411 98 : 3,172,182 3,205,551 99 : RE.25.717 3,176,372 103 : 3,166,814 3,187,401 104 : 3,184,818 3,186,056 105 : 3,173,185 3,183,571 3,204,315 108 : 3,225,412 118 : 3,163,908 3,163,909 3,166,815 3,173,186 3,179,999 3,195,207 3,201,846 3,203,070 3,212,155 3,220,079 121 : 3,168,771 3,192,594 3,204,316 3,222,749 126 : 3,183,572 127 : 3,177,554 3,178,793 128 : 3,164,877 3,166,816 3,170,216 3,213,512 3,225,413 129 : 3,212,156 3,225,414 130 : RE.25.758 3,163,910 3,166,817 3,167,838 3,167,839 3,180,000 3,205,552 131 : 3,163,911 3,164,878 3,166,818 3,167,840 3,167,841 3,167,842 3,168,772 3,169,294 3,171,185 3,171,186 3,173,187 3,174,208 3,182,374 3,195,208 3,206,823 3,218,687 3,222,750 3,224,065 5 : 3,170,217 5 : 3,174,204 5 : 3,195,209 6 : 3,206,824 142 : 3,183,573 153 : 3,169,295 3,181,223	55 : 3,175,272 3,204,317 57 : 3,216,081 61 : 3,180,001 62 : 3,180,002 3,199,165 63 : 3,195,214 3,213,513	75 : 3,175,273 3,181,225 76 : 3,166,824 3,173,189 3,220,086	Class 29 1 : 3,182,375 3,188,715 3,192,600 3,193,905 2 : 3,186,058 22 : 3,204,320 23 : 3,165,809 3 : 3,187,402 32 : 3,199,168 3 : 3,167,849 6.2 : 3,165,810 2 : 3,183,575 2 : 3,216,083 2 : 3,218,689 9 : 3,169,299 11 : 3,186,059 14 : 3,213,514 18 : 3,169,300 3,214,820 19 : 3,164,884 21 : 3,186,060 25.1 : 3,166,825 1 : 3,213,515 11 : 3,193,906 11 : 3,204,322 11 : 3,221,386 13 : 3,214,821 14 : 3,218,690 15 : 3,187,404 15 : 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3,197,840 35. : 3,170,219 36. : 3,203,071 38 : 3,186,062 3,200,472 3,208,127 39 : 3,164,887 42 : 3,224,070 47 : 3,214,822 76 : 3,212,165 3,214,823 78 : 3,165,813 3,180,005 3,217,382 81 : 3,184,825 3,184,826 3,193,908 3,209,429 3,214,824 90 : 3,165,814 3,195,220 3,199,171 3,205,556 3,212,166 3,220,087 3,222,752 91.1 : 3,170,220 1 : 3,170,221 1 : 3,170,222 1 : 3,170,223 1 : 3,182,377 95 : 3,163,918 3,184,827 3,187,406 3,196,518 3,209,430 1 : 3,172,189 1 : 3,178,800 1 : 3,196,519 1 : 3,199,172 1 : 3,217,383 96 : 3,171,188 3,172,190 3,172,191 3,173,191 3,176,377 3,178,801 3,187,407 3,187,408 3,188,717 3,189,975 3,189,976 3,191,261 3,191,262 3,192,602 3,193,909 3,197,841 3,200,473 3,205,557 3,205,558 3,209,431 3,214,825 3,216,086 3,220,088 3,220,089 97 : 3,180,006 103 : 3,189,977 3,208,128 3,212,167 3,220,090 105 : 3,163,919 3,163,920 3,170,224 3,175,275 3,175,276 3,188,718 3,192,604 3,200,474 3,203,072 3,205,559 3,213,516 3,217,384 3,217,385 42 : 3,205,555 42 : 3,206,826 42 : 3,212,163 42 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CLASSIFICATION OF PATENTS

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4 : 3,220,096	.5 : 3,209,433	156.4 : 3,167,854	5 : 3,166,833	203 : 3,163,926	245 : 3,164,893	3,195,227
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149.5 : 3,166,828	.5 : 3,209,435	.6 : 3,208,130	5 : 3,177,564	3,168,778	252 : 3,180,016	3,199,183
.5 : 3,169,302	.5 : 3,209,436	.62 : 3,166,832	5 : 3,180,012	3,169,305	3,180,017	3,212,178
.5 : 3,171,189	.5 : 3,210,827	.7 : 3,209,437	5 : 3,181,231	3,170,230	3,217,395	3,218,699
.5 : 3,176,378	.5 : 3,210,828	.8 : 3,184,833	5 : 3,184,835	3,174,214	3,222,767	424 : 3,191,286
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.5 : 3,180,008	.5 : 3,212,169	.8 : 3,186,069	5 : 3,205,565	3,180,014	3,183,584	427 : 3,187,423
.5 : 3,181,228	.5 : 3,213,519	.8 : 3,189,982	5 : 3,205,566	3,183,584	3,209,444	3,214,831
.5 : 3,191,264	.5 : 3,214,827	.8 : 3,196,526	5 : 3,214,250	3,184,837	3,163,928	428 : 3,182,393
.5 : 3,191,265	.5 : 3,216,088	.8 : 3,199,179	5 : 3,218,135	3,186,072	3,200,483	3,213,530
.5 : 3,192,607	.5 : 3,216,089	.8 : 3,200,477	.7 : Re.25,815	3,186,073	263 : 3,200,484	429 : 3,169,308
.5 : 3,193,910	.5 : 3,217,389	.8 : 3,201,856	7 : 3,165,822	3,186,074	267 : 3,182,388	3,199,184
.5 : 3,195,221	.5 : 3,218,693	.8 : 3,201,857	7 : 3,178,807	3,186,075	271 : 3,170,232	3,225,432
.5 : 3,197,842	.5 : 3,218,694	.8 : 3,221,398	8 : 3,215,510	3,186,076	275 : 3,206,843	3,225,433
.5 : 3,199,173	.5 : 3,220,094	.8 : 3,224,078	183 : 3,169,837	3,186,077	3,209,445	430 : 3,188,730
.5 : 3,206,830	.5 : 3,220,095	.8 : 3,224,079	3,199,963	3,186,078	3,209,445	3,188,731
.5 : 3,217,388	.5 : 3,221,393	.8 : 3,225,422	3,212,864	3,187,418	3,171,193	3,195,228
.5 : 3,220,092	.5 : 3,221,394	157 : 3,164,890	3,214,251	3,189,983	3,176,383	3,200,487
.5 : 3,220,093	.5 : 3,221,395	3,167,855	3,215,511	3,191,280	3,192,617	3,217,397
.5 : 3,221,391	.5 : 3,221,396	3,170,226	3,220,806	3,191,281	3,206,844	3,225,434
.5 : 3,221,392	.5 : 3,222,753	3,180,010	3,222,143	3,197,848	3,210,836	431 : 3,201,860
.5 : 3,225,420	.5 : 3,222,754	3,192,611	5 : 3,169,048	3,197,849	3,197,849	432 : 3,166,838
150 : 3,174,210	.5 : 3,222,755	3,192,612	5 : 3,170,772	3,200,481	3,203,081	282 : 3,201,859
3,186,064	.5 : 3,222,756	3,196,527	5 : 3,178,270	3,203,081	3,205,567	3,206,845
3,191,266	.5 : 3,222,757	3,200,478	5 : 3,181,935	3,203,081	3,205,567	3,217,398
155 : 3,165,815	.5 : 3,222,758	3,200,479	5 : 3,188,186	3,206,842	3,216,100	1 : 3,218,700
3,166,829	.5 : 3,222,759	3,206,836	5 : 3,201,210	3,209,441	3,182,389	2 : 3,225,435
3,166,830	.5 : 3,222,760	3,208,131	5 : 3,201,211	3,210,832	401 : 3,175,281	433 : 3,168,792
3,166,831	.5 : 3,224,071	3,208,132	5 : 3,201,212	3,216,096	3,177,572	3,216,102
3,167,851	.5 : 3,224,072	3,209,438	5 : 3,219,423	3,216,097	3,180,018	434 : 3,186,081
3,173,193	.5 : 3,224,073	3,209,439	5 : 3,224,846	3,218,695	3,184,839	3,199,185
3,199,174	.5 : 3,224,074	3,213,523	187 : 3,177,052	3,220,099	3,191,284	3,220,104
3,199,175	.5 : 3,224,075	3,216,092	3,201,213	3,222,766	3,208,134	436 : 3,225,436
3,204,324	.5 : 3,225,421	3,216,093	191 : 3,174,837	3,224,082	3,209,446	437 : 3,189,991
3,204,325	.53 : 3,173,194	3,220,098	3,194,642	3,214,828	3,220,101	3,216,103
3,209,432	.53 : 3,187,413	3,225,423	3,194,643	3,214,828	402 : 3,192,618	439 : 3,221,402
.5 : 3,163,921	.53 : 3,191,269	1 : 3,168,776	3,215,512	3,187,419	403 : 3,163,929	441 : 3,183,586
.5 : 3,164,888	.53 : 3,195,223	1 : 3,172,192	3,217,845	3,189,984	445 : 3,165,827	446 : 3,196,535
.5 : 3,165,816	.53 : 3,195,223	1 : 3,172,193	3,222,144	3,191,282	404 : 3,172,192	3,197,852
.5 : 3,165,817	.53 : 3,200,475	1 : 3,174,212	6 : 3,180,714	3,221,400	206 : 3,177,567	3,204,331
.5 : 3,165,818	.53 : 3,212,170	1 : 3,178,805	6 : 3,193,362	3,210,837	207.5 : 3,218,696	3,210,839
.5 : 3,169,303	.54 : 3,177,562	1 : 3,188,724	192 : 3,202,488	3,218,695	208 : 3,170,231	407 : 3,193,917
.5 : 3,169,304	.54 : 3,212,171	1 : 3,191,277	193 : 3,164,447	3,218,695	3,187,420	3,196,531
.5 : 3,171,190	.54 : 3,224,076	1 : 3,192,613	3,183,066	3,220,099	3,188,727	3,205,569
.5 : 3,171,191	.55 : Re.25,847	1 : 3,193,914	3,218,136	3,222,766	3,189,985	3,210,838
.5 : 3,174,211	.55 : 3,163,923	1 : 3,206,837	5 : 3,220,807	3,224,082	3,199,180	3,217,396
.5 : 3,175,277	.55 : 3,167,852	1 : 3,213,524	194 : 3,164,448	3,214,828	3,204,330	408 : 3,225,430
.5 : 3,176,379	.55 : 3,180,009	1 : 3,216,094	3,168,380	3,214,828	3,208,133	409 : 3,205,570
.5 : 3,176,380	.55 : 3,182,382	1 : 3,222,762	3,180,715	3,214,828	3,210,834	410 : 3,171,194
.5 : 3,176,381	.55 : 3,183,580	1 : 3,224,080	3,181,936	3,214,828	3,212,173	411 : 3,222,768
.5 : 3,176,382	.55 : 3,191,271	1 : 3,164,891	3,183,067	3,214,828	3,212,173	412 : 3,165,825
.5 : 3,177,560	.55 : 3,191,272	1 : 3,165,820	3,186,070	3,214,828	3,212,173	413 : 3,167,856
.5 : 3,177,561	.55 : 3,191,273	1 : 3,168,777	3,215,513	3,214,828	3,212,173	414 : 3,166,835
.5 : 3,178,802	.55 : 3,191,274	1 : 3,170,227	3,220,808	3,214,828	3,212,173	415 : 3,173,200
.5 : 3,178,803	.55 : 3,191,275	1 : 3,170,228	195 : 3,175,892	3,214,828	3,212,173	416 : 3,172,198
.5 : 3,178,804	.55 : 3,191,276	1 : 3,170,229	3,178,271	3,214,828	3,221,401	417 : 3,176,385
.5 : 3,181,229	.55 : 3,192,610	1 : 3,172,194	3,189,420	210 : 3,169,306	3,214,828	418 : 3,170,233
.5 : 3,182,381	.55 : 3,199,176	1 : 3,173,195	3,197,290	211 : 3,177,568	3,214,828	419 : 3,165,826
.5 : 3,183,567	.55 : 3,201,853	1 : 3,173,196	3,197,291	3,192,615	3,214,828	420 : 3,177,573
.5 : 3,183,579	.55 : 3,203,078	1 : 3,178,806	3,202,489	3,213,528	3,214,828	421 : 3,176,385
.5 : 3,184,829	.55 : 3,204,328	1 : 3,180,011	3,202,490	3,213,528	3,214,828	422 : 3,176,385
.5 : 3,184,830	.55 : 3,206,129	1 : 3,182,380	3,203,772	3,213,528	3,214,828	423 : 3,176,385
.5 : 3,184,831	.55 : 3,214,826	1 : 3,187,415	3,205,051	3,213,528	3,214,828	424 : 3,176,385
.5 : 3,184,832	.55 : 3,216,091	1 : 3,188,725	3,205,052	3,213,528	3,214,828	425 : 3,176,385
.5 : 3,186,065	.55 : 3,224,077	1 : 3,196,528	3,208,835	3,213,528	3,214,828	426 : 3,176,385
.5 : 3,187,410	.56 : 3,199,177	1 : 3,200,480	3,223,494	3,213,528	3,214,828	427 : 3,176,385
.5 : 3,187,411	.56 : 3,199,178	1 :				

Class 29—Con.

470 : 3,166,840
3,184,841
3,184,842
3,206,846
3,209,447
3,220,105
1 : 3,178,811
1 : 3,197,855
1 : 3,197,856
1 : 3,201,862
1 : 3,203,083
1 : 3,209,448
1 : 3,212,183
1 : 3,218,702
3 : 3,175,284
3 : 3,212,182
5 : 3,191,288
9 : 3,186,083
9 : 3,200,489
471.1 : 3,163,930
1 : 3,168,782
1 : 3,180,020
1 : 3,188,732
1 : 3,205,571
1 : 3,205,572
1 : 3,218,703
1 : 3,218,704
7 : 3,169,309
7 : 3,204,332
9 : 3,177,576
9 : 3,187,426
472.3 : 3,201,863
7 : 3,177,577
7 : 3,196,536
9 : 3,186,084
9 : 3,217,401
473.1 : 3,173,201
1 : 3,192,620
1 : 3,200,490
1 : 3,203,084
1 : 3,208,137
1 : 3,214,833
3 : 3,191,289
5 : 3,225,437
9 : 3,220,106
474.1 : 3,167,857
1 : 3,220,107
3 : 3,177,578
3 : 3,222,773
4 : 3,290,491
4 : 3,205,573
475 : 3,191,290
3,199,188
3,204,333
3,212,184
477 : 3,164,896
3,176,389
3,193,919
3 : 3,208,138
3 : 3,217,402
7 : 3,189,992
480 : 3,197,857
3,206,847
3,195,229
3,213,532
483 : 3,180,021
484 : 3,181,235
3,209,449
487 : 3,165,828
3,167,858
3,173,202
3,180,022
3,196,537
3,196,538
3,201,864
488 : 3,170,234
3,199,189
3,210,840
3,217,403
3,222,774
3,225,438
492 : 3,193,926
3,208,139
3,209,450
493 : 3,201,865
3,224,085
494 : 3,164,897
3,197,858
3,205,574
495 : 3,174,220
3,199,190
496 : 3,175,285
3,175,286
3,195,230
3,165,829
3,222,775
498 : 3,182,395
3,203,085
3,217,404
501 : 3,197,859
503 : 3,222,776
505 : 3,208,140

509 : 3,163,931
3,187,427
3,193,921
3,197,860
3,204,334
510 : 3,192,621
511 : 3,210,841
3,221,403
512 : 3,209,451
517 : 3,192,622
520 : 3,171,196
522 : 3,210,842
523 : 3,188,733
525 : 3,224,086
526 : 3,222,777
527 : 3,169,310
3,169,311
3,180,023
3,187,428
3,189,993
3,191,291
3,210,843
3,216,105
3,224,087
528 : 3,174,221
3,175,287
3,177,579
3,180,024
3,188,734
3,191,292
3,197,861
3,197,862
3,203,086
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3,209,452
3,213,533
3,216,106
3,217,405
3,218,705
3,222,778
529 : 3,166,841
3,183,588
3,188,735
3,191,293
3,199,191
3,213,534
3,224,088
534 : 3,170,235
3,170,236
539 : 3,167,859
553 : 3,164,898
556 : 3,167,860
558 : 3,189,994
561 : 3,181,236
564 : 3,187,429
3,212,185
566 : 3,222,779
567 : 3,216,107
568 : Re. 25,737
3,173,203
3,173,204
3,174,222
3,186,085
3,188,736
3,191,294
3,200,492
3,217,406
3,218,706
3,221,404
3,225,439
Class 30
1 : 3,177,580
.5 : 3,203,087
2 : 3,175,288
3,178,812
3,184,843
3,191,295
3,193,922
3,195,231
3,204,335
3,224,089
4 : 3,178,813
3,216,108
6.1 : 3,204,336
4 : 3,189,995
4 : 3,222,780
8.5 : 3,206,849
9 : 3,165,830
10 : 3,203,088
3,203,089
16 : 3,199,192
24 : 3,176,390
3,192,623
28 : 3,169,312
3,180,025
3,189,996
30 : 3,165,831
3,180,026
3,183,589
34 : 3,209,454
1 : 3,201,178
1 : 3,203,090

34.1 : 3,213,535
1 : 3,213,536
2 : 3,181,237
2 : 3,191,296
2 : 3,220,108
41 : 3,176,391
3,176,392
5 : 3,216,109
6 : 3,220,109
43.1 : 3,166,842
1 : 3,172,200
1 : 3,186,087
4 : 3,225,440
6 : 3,191,297
6 : 3,196,541
6 : 3,197,864
7 : 3,208,141
7 : 3,218,707
9 : 3,196,539
9 : 3,206,850
92 : 3,169,313
92 : 3,172,201
92 : 3,191,298
92 : 3,191,299
92 : 3,191,300
92 : 3,201,866
92 : 3,218,708
60.5 : 3,169,314
5 : 3,176,393
5 : 3,176,394
62 : 3,171,197
3,178,814
3,203,091
3,203,092
63 : 3,177,581
3,203,093
3,204,337
3,204,338
3,224,090
65 : 3,171,198
67 : 3,193,923
90 : 3,172,202
3,177,582
3,178,815
3,183,590
91 : 3,169,315
3,197,865
3,216,110
3,218,709
92 : 3,164,899
94 : 3,171,199
3,181,238
101 : 3,163,932
123 : 3,183,591
124 : 3,188,737
130 : 3,171,200
131 : 3,212,186
133 : 3,217,407
134 : 3,173,205
140 : 3,165,832
3,208,142
142 : 3,174,223
3,224,091
143 : 3,220,110
154 : 3,176,395
162 : 3,192,624
164.95 : 3,221,405
3,212,187
166 : 3,181,239
3,217,408
168 : 3,176,396
3,182,396
3,193,924
169 : 3,173,206
3,183,592
3,195,232
3,201,867
3,214,834
180 : Re. 25,842
3,175,289
3,177,583
199 : 3,217,409
200 : 3,209,455
201 : 3,208,143
206 : 3,165,833
210 : 3,193,925
3,222,781
216 : 3,200,493
3,212,188
219 : 3,176,397
222 : 3,218,710
223 : 3,222,782
228 : 3,172,203
3,175,290
3,177,584
3,178,816
230 : 3,222,783
231 : 3,225,441
233.5 : 3,225,442
250 : 3,203,094
3,210,844
252 : 3,187,430

254 : 3,175,291
3,196,540
264 : 3,174,224
268 : 3,170,237
272 : 3,189,998
3,203,095
3,203,096
3,221,406
3,224,092
3,225,443
276 : Re. 25,947
3,192,625
3,199,194
279 : 3,169,316
3,186,088
289 : 3,188,738
3,201,868
292 : 3,174,225
293 : 3,178,817
3,191,301
3,222,784
294 : 3,167,861
298 : 3,191,302
301 : 3,182,397
304 : 3,206,851
324 : 3,208,144
3,224,093
335 : 3,171,201
338 : 3,217,410
339 : 3,187,431
342 : 3,201,869
346 : 3,224,094
350 : 3,193,926
354 : 3,169,317
3,176,398
3,178,818
355 : 3,205,575
3,222,785
358 : 3,186,086
367 : 3,172,204
3,176,399
58 : 3,178,819
Class 31
5 : 3,184,844
3,209,456
21 : 3,187,432
26 : 3,200,494
34 : 3,196,542
44 : 3,199,195
46 : 3,166,843
3,193,927
3,210,845
3,217,411
48 : 3,193,928
3,193,929
49 : 3,167,862
3,192,626
3,221,407
Class 32
1 : 3,187,433
2 : 3,203,097
5 : 3,171,202
3,197,866
3,216,111
8 : 3,181,240
3,218,711
9 : 3,200,495
3,200,496
10 : 3,197,867
14 : 3,163,933
3,164,900
3,164,901
3,164,902
3,178,820
3,178,821
3,178,822
3,186,089
3,193,930
3,203,098
3,203,099
3,205,576
3,205,577
3,218,712
3,218,713
3,218,714
3,218,715
15 : 3,191,303
20 : 3,218,716
22 : 3,197,868
3,209,457
3,210,846
3,217,412
26 : 3,197,869
27 : 3,163,934
3,164,903
3,173,207
3,175,293
3,189,999
3,199,196
3,210,847

27 : 3,210,848
28 : 3,169,318
3,213,537
32 : 3,176,400
3,200,497
3,206,852
3,221,408
3,224,095
3,224,096
33 : 3,208,145
3,225,444
40 : 3,171,203
3,209,458
60 : 3,221,409
63 : 3,191,304
64 : 3,197,870
3,216,112
69 : 3,164,904
Class 33
1 : 3,163,935
3,164,905
3,165,834
3,166,844
3,166,845
3,166,846
3,171,204
3,171,205
3,171,206
3,175,294
3,177,585
3,184,845
3,184,846
3,184,847
3,184,848
3,186,090
3,186,091
3,187,434
3,190,000
3,195,233
3,200,498
3,212,189
3,216,113
3,217,413
3,224,097
3 : 3,173,208
3,176,401
3,192,627
3,206,854
8 : 3,173,209
3,165,838
9 : 3,210,849
18 : 3,163,936
3,173,210
3,175,295
3,197,871
19 : 3,220,111
20 : 3,170,238
3,182,398
23 : 3,171,207
3,177,586
3,182,399
3,184,849
3,192,628
3,192,629
3,213,538
3,218,717
25 : 3,184,850
3,216,114
26 : 3,183,593
3,214,835
3,216,115
3,224,098
41 : 3,164,906
3,166,847
3,190,001
3,168,783
3,192,630
46 : 3,163,937
3,225,446
3,163,938
3,165,835
3,171,208
3,181,241
3,182,400
3,182,401
3,190,002
3,192,631
3,212,190
3,212,190
5 : 3,193,931
47 : 3,165,836
3,166,848
3,184,851
3,191,305
3,192,632
3,193,932
3,177,587
3,178,823
3,183,594
3,187,435
3,190,003
3,205,579
3,205,580
3,208,146
3,213,539

50.5 : 3,184,852
51 : 3,178,824
3,200,499
3,208,436
52 : 3,176,400
3,218,718
56 : 3,199,202
3,210,851
60 : 3,165,837
3,184,853
61 : 3,169,319
62 : 3,205,581
63 : 3,167,864
64 : 3,175,296
3,186,092
3,193,933
3,199,197
3,217,414
3,217,415
3,184,854
3,193,934
69 : 3,224,099
70 : 3,170,239
3,213,540
72 : 3,191,306
3,199,198
3,206,853
3,208,147
74 : 3,172,205
3,188,739
3,195,234
3,181,242
3,196,543
3,197,872
3,197,873
3,184,846
3,188,740
3,203,101
3,222,786
77 : 3,191,307
3,221,410
79 : 3,172,206
3,178,825
3,180,027
3,180,028
3,196,544
3,217,413
80 : 3,171,209
85 : 3,183,595
3,200,500
3,201,870
3,205,582
3,205,578
8 : 3,173,209
3,212,191
9 : 3,210,849
18 : 3,163,936
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19 : 3,220,111
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25 : 3,184,850
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26 : 3,183,593
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41 : 3,164,906
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46 : 3,163,937
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3,190,002
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3,212,190
5 : 3,193,931
47 : 3,165,836
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3,205,580
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3,213,539

143 : 3,177,588
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147 : 3,169,323
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3,190,007
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3,213,542
3,213,543
3,214,838
148 : 3,205,585
3,206,148
3,214,839
3,222,788
150 : 3,218,720
157 : 3,208,149
158 : 3,197,874
3,213,544
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164 : 3,166,850
3,186,093
165 : 3,170,242
166 : 3,166,851
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3,199,200
3,222,790
168 : 3,164,908
3,176,403
3,176,404
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3,201,873
169 : 3,170,243
3,176,405
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3,193,947
3,196,547
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3,220,113
3,224,102
170 : 3,171,211
3,176,406
3,180,029
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3,220,114
3,221,411
171 : 3,167,866
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3,173,213
3,175,297
3,177,589
3,180,030
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3,195,237
3,199,201
3,199,203
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3,204,340
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3,216,119
3,217,418
3,218,722
3,224,103
3,224,104
172 : 3,163,942
3,164,909
3,165,840
3,166,852
3,166,853
3,172,209
3,178,828
3,180,041
3,181,246
3,182,404

174	3,183,598	201	3,167,869	30	3,221,415	17	3,209,469	2.5	3,218,734	53	3,203,118
	3,183,599		3,184,860	37	3,180,037		3,213,550	.5	3,221,421		3,218,738
	3,186,094	203.12	3,180,033	39	3,182,406	124	3,170,246	.5	3,224,117	55	3,184,866
	3,186,095		.13: 3,187,440		3,204,341		3,183,608	.5	3,225,462	56	3,171,219
	3,188,743		.13: 3,208,154	41	3,220,116		3,203,114	3	3,175,304		3,218,739
	3,192,636		.15: 3,177,590		3,221,416	133	3,167,409		3,205,595	58	3,224,121
	3,193,939		.18: 3,164,910	45	3,169,838		3,208,161		3,225,463	59	3,180,040
	3,193,940		.18: 3,181,248		3,170,774		3,220,120	7.1	3,176,416	66	3,171,220
	3,195,238		.18: 3,188,747		3,180,038	135	3,217,427	.1	3,177,596	67	3,206,875
	3,196,549		.18: 3,199,208		3,186,104	137	3,168,383	.3	3,195,245	72	3,217,432
	3,196,550		.18: 3,206,862		3,186,105	142	3,214,846	.5	3,201,876	78	3,187,447
	3,196,551		.18: 3,222,794		3,186,106	145	3,199,221	.6	3,182,407	80	3,209,472
	3,197,878		.2: 3,182,405		3,186,107		3,213,549	.8	3,205,596	81	Re.25,806
	3,197,879	204	3,181,249		3,192,642	150	3,192,648	8.3	3,204,348	86	3,178,838
	3,199,204		3,197,880		3,196,553	151	3,190,012	9	3,221,422		3,206,876
	3,200,503		3,197,881		3,197,884	153	3,181,251	.3	3,224,113	14	3,209,473
	3,203,100		3,199,207		3,197,885	155	3,192,649	29	3,177,597	19.5	3,196,562
	3,206,857		3,200,510		3,200,511		3,199,222	24.5	3,199,233	24.5	3,203,119
	3,206,858		3,208,155		3,205,590		3,199,223	30	3,208,162	28	3,172,217
	3,208,150	205	3,176,407		3,208,156		3,206,870	31	3,171,217	30	3,177,598
	3,208,151		3,180,034		3,210,862		3,209,467		3,192,650	32	3,175,309
	3,209,459	206	3,169,324		3,210,863	156	3,199,224		3,204,343	34	3,169,327
	3,209,460		3,171,213		3,213,548		3,216,129		3,204,344		3,178,835
	3,209,461		3,172,212		3,216,126	164	3,170,775		3,204,345		3,182,408
	3,210,856		3,184,861		3,217,422		3,173,768		3,206,872		3,184,865
	3,214,841		3,225,450		3,217,423		3,197,887		3,212,201		3,186,112
	3,216,120	207	3,180,035		3,218,730	168	3,168,384		3,212,202		3,196,560
	3,217,393		3,180,036		3,220,117	174	3,169,051		3,224,114		3,200,518
	3,220,115		3,183,602		3,221,417		3,175,302	34	3,173,218		3,216,133
	3,221,412		3,186,099		3,222,798		3,193,945		3,191,318		3,218,735
	3,221,413		3,188,748		3,224,107	185	3,193,945		3,166,859	35	3,218,736
	3,222,791		3,199,209	48	3,174,228	202	3,225,456		3,167,871		3,225,464
	3,222,792		3,213,545		3,175,300	212	3,222,800		3,170,247		3,225,465
	3,225,448		3,225,451		3,183,605	218	3,203,113		3,172,215	35	3,196,561
177	3,225,449	209	3,212,195		3,203,106	233	3,172,740		3,177,594		3,217,429
178	3,183,600	211	3,166,855		3,203,107	237	3,178,832		3,190,013		3,220,123
	3,186,096		3,167,870		3,214,845				3,197,889	36	3,171,218
	3,188,744		3,186,100		3,217,424				3,197,890		3,174,235
	3,216,121		3,190,010	49	3,217,425				3,197,891		3,177,599
	3,216,122	212	3,186,101	50	3,196,554	1	3,208,159		3,199,226		3,201,877
	3,183,601	214	3,196,552	52	3,191,313	3	3,224,111		3,199,227	38	3,214,849
	3,193,941		3,221,414	53	3,186,108	5	3,208,160		3,199,228	39	3,164,912
.5	3,167,867	215	3,192,641	54	3,192,643	6	3,166,856		3,200,516		3,169,328
.5	3,171,212	217	3,213,546		3,216,127	8	3,201,875		3,200,517		3,181,254
.5	3,172,210	222	3,197,882	57	3,166,384		3,172,214		3,206,873		3,208,163
.5	3,180,032		3,210,859		3,166,385		3,173,217		3,214,848		3,222,801
.5	3,181,247		3,217,420		3,178,830		3,174,231		3,217,428	42	3,182,409
.5	3,188,745	223	3,193,944		3,187,441		3,174,232		3,221,420		3,188,755
.5	3,188,746		3,199,210		3,192,644	9	3,166,857		3,224,115		3,192,652
.5	3,192,637		3,206,863		3,200,512		3,166,858		3,197,892		3,193,949
.5	3,195,239		3,209,464		3,220,118		3,171,214		3,193,947		3,225,466
.5	3,200,504	224	3,177,591	58	3,203,108		3,174,233		3,186,113	43	3,186,113
.5	3,214,842		3,183,603	62	3,166,386		3,175,303		3,175,306	44	3,170,250
.5	3,214,843		3,188,749		3,203,109		3,181,252		3,196,558	45	3,193,950
.5	3,224,105		3,210,860		3,218,731		3,184,863		3,197,893	50	3,208,164
180	3,170,244	226	3,172,213	65	3,225,454	46	3,195,243		3,195,243		3,218,737
	3,174,227		3,173,215	69	3,199,215		3,187,442		3,199,229		3,224,118
	3,192,638		3,173,216	70	3,165,385		3,187,443		3,205,593	59	3,170,251
	3,193,942		3,206,864		3,183,606		3,191,315		3,225,461	62	3,214,850
	3,195,240		3,212,196		3,191,314		3,195,242		3,166,860	48	3,195,246
	3,199,205		3,222,795	74	3,208,157		3,200,513		3,172,216		3,170,252
	3,200,505		3,225,452	77	3,173,766		3,200,514		3,176,414	68	3,174,236
	3,201,874				3,190,011		3,206,871		3,176,415	69	3,203,117
	3,208,152				3,225,455		3,210,864		3,177,595	70	3,187,446
	3,209,462				3,203,110		3,212,199		3,187,445	72	3,175,292
	3,210,857	Class 34	4	3,175,299	80	3,203,110	3,214,847		3,188,754		3,175,310
	3,210,858		5	3,169,049	82	3,177,592	3,218,733		3,190,014		3,175,311
	3,224,106		3,176,408		3,206,868		3,221,418		3,199,230		3,178,836
181	3,172,211		3,178,829	85	3,203,111		3,224,112		3,203,116		3,206,874
	3,187,439		3,188,750	86	3,178,831		3,225,457		3,209,471		3,217,430
	3,203,103		3,205,588	87	3,184,862		3,187,444		3,212,203	78	3,170,253
	3,216,123		3,210,861		3,224,108	2	3,190,950		3,216,132		3,204,349
182	3,192,639		3,218,725	90	3,171,428	.4	3,164,659		3,224,116		3,204,350
	3,218,723		3,218,726		3,197,886	.4	3,169,162			49	3,191,319
184.5	3,170,245		3,218,727	92	3,165,386	.4	3,170,978			53	3,191,320
.5	3,175,298		3,218,728		3,174,229	.4	3,171,880				3,205,594
.5	3,186,097		3,222,796		3,192,645	.4	3,183,295			60	3,181,253
.5	3,193,943	9.5	3,199,211		3,199,216	.4	3,193,606			62	3,163,943
.5	3,206,859		3,205,589		3,199,217	.4	3,194,869			63	3,163,945
185	3,167,868	10	3,166,383		3,224,109	.4	3,196,199			66	Re.25,822
	3,200,506		3,186,102			.4	3,197,540			73	3,210,865
	3,200,507		3,195,241	95	3,174,230	.4	3,205,293			74	3,199,231
	3,200,508		3,197,883	98	3,199,218	.4	3,219,744				3,210,866
	3,205,586		3,199,212	99	3,168,382	.4	3,221,091			4	3,175,312
	3,206,860		3,206,865		3,220,119	.4	3,221,091			8	3,170,254
189	3,173,214		3,212,197	103	3,167,407		3,171,215				3,191,322
	3,186,098		3,214,844	104	3,188,752		3,186,110				3,208,165
	3,192,640		3,216,125		3,203,112		3,193,946			1	3,174,234
	3,203,104		3,218,729		3,209,466		3,205,592			2.5	3,175,307
	3,203,105		3,218,731	105	3,175,301		3,164,911				3,165,841
	3,205,587		3,225,453		3,192,646		3,176,413			.5	3,169,325
	3,208,153		3,191,312	110	3,176,410		3,191,316			.5	3,169,326
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Class 46

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Table listing patent classifications with columns of numbers and associated patent identifiers (e.g., RE. 25, 734, 3, 172, 231, etc.).

Class 52 - Con.

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Class 54
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Class 55
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35 : 3,164,453
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36 : 3,169,841
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39 : 3,210,912
40 : 3,214,890
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57 : Re. 25, 759

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