

INDEX OF PATENTS

Part II, Index to Subjects of Invention

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ERRATUM

Duplicate patent numbers appear in some of the cross-reference classification subclass listings, particularly in Class 260. They were detected too late in the publication process to be economically removed. The presence of duplicates in one sub-class should not be considered to indicate that a listing of the patent has been omitted from another subclass in which the patent has been properly classified as a cross-reference.

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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 1966 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 68,584 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 1966" 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 400 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.

Persons interested in a full and detailed treatment of the fundamentals of the U.S. Patent Classification System are referred to the publication titled Development and Use of Patent Classification Systems. This comprehensive text provides details and illustrations on the present organization of U.S. Patent Classification Systems, on the bases and techniques used in developing and administering them, and on the use of the systems to extract desired information.

CLASS TITLES ARRANGED IN CLASS NUMBER ORDER

Class		Class	
	Plants		Package Making
	Nailing, Stapling and Clip Clenching		Harness
	Apparel		Gas Separation
	Artificial Body Members		Harvesters
	Baths, Closets, Sinks and Spittoons		Textiles, Spinning, Twisting and Twining
	Beds		Horology
	Bee Culture		Chain, Staple and Horseshoe Making
7	Compound Tools		Power Plants
8	Bleaching and Dyeing; Fluid Treatment and		Hydraulic and Earth Engineering
_	Chemical Modification of Textiles and Fibers		Refrigeration
	Boats, Buoys and Aquatic Devices		Jewelry
	Bolt, Nail, Nut, Rivet and Screw Making	64	Machine Elements, Shafting and Flexible Shaft
	Books, Making		Couplings
	Boot and Shoe Making		Glass Manufacturing
	Electric Furnaces		Textiles, Knitting
	Bridges		Illuminating Burners
	Brushing, Scrubbing and General Cleaning		Textiles, Fluid Treating Apparatus
	Miscellaneous Hardware		Leather Manufactures
	Butchering		Locks
	Plastics		Chemistry, Fertilizers
	Textiles, Fiber Preparation		Metal Deforming
	Wooden Buildings*		Measuring and Testing
	Preserving, Disinfecting and Sterilizing		Machine Elements and Mechanisms
	Metal Founding		Metallurgy
	Chemistry		Metal Tools and Implements, Making
	Buckles, Buttons, Clasps, Etc.		Boring and Drilling
	Plastic Block and Earthenware Apparatus		Metal Forging and Welding
	Textiles, Cloth Finishing		Button Making
	Undertaking		Metal Rolling
	Textiles, Manufacturing		Tools
	Metal Working		Turning
	Cutlery		Cutting
	Dairy		Music
	Dentistry		Driven, Headed and Screw-Threaded Fastenings
	Geometrical Instruments	86 87	,
	Drying and Gas or Vapor Contact With Solids	88	,
	Education		• '
	Boots, Shoes and Leggings		Ordnance Gear Cutting, Milling and Planing
	Excavating		Motors, Expansible Chamber Type
	Textiles, Ironing or Smoothing		Expansible Chamber Devices
	Gates*		Paper Manufactures
	Card, Picture and Sign Exhibiting		Roads and Pavements
	No Class		Photography
	Firearms		Photographic Chemistry, Processes and Materials
	Fishing, Trapping and Vermin Destroying	97	No Class
. .	Fuel and Igniting Devices		Ventilation
45	No Class		Foods and Beverages
46	Amusement Devices, Toys	100	<u> </u>
47	Plant Husbandry	101	
48 40	Gas, Heating and Illuminating		Ammunition and Explosive Devices
49	Movable or Removable Closures**		Pumps
	Building Structures Abrading		
51 52		104	and the state of t
	Static Structures, e.g., Buildings	105	Railway Rolling Stock

^{*}Class abolished during 1966 **Class established during 1966

Class	Title	Class	Title
	Compositions, Coating or Plastic	163	Needle and Pin Making
107	Bread, Pastry and Confection Making	164	No Class
108	Horizontally Supported Planar Surfaces.	165	Heat Exchange
109	Safes, Bank Protection and Related Devices		Wells
110	Furnaces	167	Medicines, Poisons and Cosmetics
111	Planting		Farriery
112	Sewing		Fire-Extinguishers
113	Sheet-Metal Ware, Making	170	Motors, Fluid Current
114	Ships Marine Bronulsian	171	Unearthing Plants or Buried Objects Earth Working
115 116	Marine Propulsion Signals and Indicators		Tool Driving or Impacting
117	Coating: Processes and Miscellaneous Products		Electricity, Conductors and Insulators
118	Coating Apparatus	175	Boring or Penetrating the Earth
119	Animal Husbandry		Nuclear Reactions and Systems
	Stationery	177	Weighing Scales
121	No Class	178	Telegraphy
122	Liquid Heaters and Vaporizers	179	Telephony
123	Internal-Combustion Engines	180	Motor Vehicles
	Mechanical Guns and Projectors	181	Acoustics
125	Stone Working	182	Fire Escapes, Ladders, Scaffolds
126	Stoves and Furnaces	183	No Class
127	Sugar, Starch and Carbohydrates	184	Lubrication
128 129	Surgery Paper Files and Binders	185	Motors, Spring, Weight and Animal Powered
130	Threshing	186	Store Service
131	Tobacco	187	Elevators
132	Toilet	188	Brakes
133	Coin Handling	189	Metallic Building Structures*
134	Cleaning and Liquid Contact With Solids	190	Baggage
135	Tents, Canopies, Umbrellas and Canes	191	Electricity, Transmission to Vehicles
136	Batteries	192	- · · · · · · · · · · · · · · · · · · ·
137	Fluid Handling	193	Conveyers, Chutes, Skids, Guides and Ways
	Pipes and Tubular Conduits	194	Check-Controlled Apparatus
	Textiles, Weaving	195	• • • • • • • • • • • • • • • • • • • •
	Wireworking Fluent Material Handling, With Receiver or Re-	196	
141	ceiver Coacting Means	197	Typewriting Machines
142	Wood Turning	198	Conveyers, Power-Driven
	Wood Sawing	199	••
	Woodworking		Electricity, Circuit Makers and Breakers
	Woodworking Tools	201	•
146	Vegetable and Meat Cutters and Comminutors		Distillation
147	Coopering	203	
148	Metal Treatment		Chemistry, Electrical and Wave Energy
149	Explosive and Thermic Compositions or Charges		Metal Drawing
150	Cloth, Leather and Rubber Receptacles	206	
151	Nut and Bolt Locks	207	
152		208	Mineral Oils: Processes and Products
153	Metal Bending	209	Classifying, Separating and Assorting Solids
154		210	Liquid Purification or Separation
155	No Class	211	Supports, Racks
156	Adhesive Bonding and Miscellaneous Chemical	212	Traversing Hoists
	Manufacture	213	Railway Draft Appliances Material or Article Handling
157	Wheelwright Machines	214 215	Bottles and Jars
158	Liquid and Gaseous Fuel Burners	216	No Class
159	Concentrating Evaporators	217	_
160	Closures, Partitions and Panels, Flexible and	218	Button, Eyelet and Rivet Setting
161	Portable Stock Material and Missellaneous Articles	219	Electric Heating
161 162	Stock Material and Miscellaneous Articles Paper Making and Fiber Liberation	220	Metallic Receptacles
	- where wraming and a root mindianion	• •	

^{*}Class abolished during 1986

Clas	s Title	Clas	s Title
221	Article Dispensing	279	Chucks or Sockets
222	Dispensing	280	Land Vehicles
223	Apparel Apparatus	281	Books, Strips and Leaves
224	Package and Article Carriers	282	-
225	Severing by Tearing or Breaking	283	
226	Advancing Material of Indeterminate-Length	284	
227	•	285	· · · · · · · · · · · · · · · · · · ·
228	Metal Fusion-Bonding Apparatus	286	No Class
229		287 288	Rod Joints or Couplings
230	Gas Pumps and Fans Whips and Whip Apparatus	289	No Class
232		290	Knots and Knot Tying Prime-Mover Dynamo Plants
233		291	Track Sanders
234		292	
	Registers	293	Vehicle Fenders
	Automatic Temperature and Humidity Regulation	294	Handling, Hand and Hoist-Line Implements
	Heating Systems	295	Railway Wheels and Axles
238	Railways, Surface Track	296	Land Vehicles, Bodies and Tops
239	Fluid Sprinkling, Spraying and Diffusing	297	Chairs and Seats
240	Illumination	298	Land Vehicles, Dumping
241	•	299	or or riard mate-
	Winding and Reeling		rials
	Pneumatic Dispatch	300	Brush, Broom and Mop Making
	Aeronautics	301	Land Vehicles, Wheels and Axles
	Wire Fabrics and Structure	302	Conveyers, Fluid Current
	Railway Switches and Signals No Class	303	Fluid-Pressure Brake and Analogous Systems No Class
	Supports		Wheel Substitutes for Land Vehicles
	Static Molds	306	Tool-Handle Fastenings
•	Radiant Energy		
	Valves and Valve Actuation		tems
	Compositions	308	Machine Elements, Bearings and Guides
253	Motors, Fluid	309	No Class
254	Pushing and Pulling Implements	310	Electrical Generator or Motor Structure
	No Class		No Class
	Fences	312	Supports, Cabinet Structures
	No Class	313	Electric Lamp and Discharge Devices
	Railway Mail Delivery	314	Electric Lamp and Discharge Devices, Consum
	Agitating		able Electrodes
	Chemistry, Carbon Compounds	313	Electric Lamp and Discharge Devices, Systems
	Gas and Liquid Contact Apparatus	310	Electric Lamp and Discharge Devices, Manufac-
	No Class	317	ture and Repair Electricity
	Heating		Electricity, Motive Power Systems
264	Plastic and Non-Metallic Article Shaping or		No Class
265	Treating: Processes		Electricity, Battery and Condenser Charging and
	No Class		Discharging
	Metallurgical Apparatus	321	Electricity, Conversion Systems
267	Spring Devices	322	Electricity, Single Generator Systems
	Closure-Operators*	323	Electricity, Voltage Magnitude and Phase Control
	Work Holders		Systems
	Sheet-Material Associating or Folding		Electricity, Measuring and Testing
	Sheet Feeding or Delivering	325	Modulated Carrier Wave Communication Systems
	Amusement and Exercising Devices		No Class
	Amusement Devices, Games		No Class
	Sound Recording and Reproducing	328	Miscellaneous Electron Space Discharge Device
	Scattering-Unloaders	220	Systems
	Type Setting		Demodulators and Detectors
	Joint Packing		Amplifiers
278	Land Vehicles, Animal Draft Appliances	331	Oscillators

^{*}Class abolished during 1966

Class	Tide	Class	Title
332	Modulators	342	No Class
333	Wave Transmission Lines and Networks	343	Communications, Radio Wave
334	Tuners	344	No Class
335	Electricity, Magnetically Operated Switches, Mag-	345	No Class
555	nets and Electromagnets**	346	Recorders
336	Inductor Devices		Designs
337	No Class		Industrial Arts
			Household, Personal and Fine Arts
338	Electrical Resistors	350	Optics, Systems and Elements**
339	Electrical Connectors	351	Optics, Eye Examining, Vision Testing and Cor-
340	Communications, Electrical		recting
341	No Class	352	Optics, Motion Pictures

CLASS TITLES ARRANGED IN ALPHABETICAL ORDER

CI			
Class	Title Abrading	Class	
181	Acoustics	79 40	Button Making Card, Picture and Sign Exhibiting
	Adhesive Bonding and Miscellaneous Chemical		Card, Ficture and Sign Exhibiting Centrifugal-Bowl Separators
130	Manufacture Manufacture		Chain, Staple and Horseshoe Making
226		297	, <u>.</u>
244	Advancing Material of Indeterminate-Length Aeronautics		Check-Controlled Apparatus
	Agitating		Chemistry
86	Ammunition and Explosive-Charge Making		Chemistry, Carbon Compounds
	Ammunition and Explosive-Charge Making Ammunition and Explosive Devices		Chemistry, Electrical and Wave Energy
	Amplifiers		Chemistry, Fermentation
	Amusement and Exercising Devices	71	• *
	Amusement Devices, Games		Chucks or Sockets
46	Amusement Devices, Toys	209	
	Animal Husbandry		Cleaning and Liquid Contact With Solids
	Apparel		Closure Fasteners
223	Apparel Apparatus	268	
	Article Dispensing	160	•
3	Artificial Body Members		able
	Automatic Temperature and Humidity Regulation	150	Cloth, Leather and Rubber Receptacles
	Baggage		Clutches and Power-Stop Control
4			Coating Apparatus
-	Batteries		Coating: Processes and Miscellaneous Products
5	Beds	133	
6	Bee Culture	340	<u> </u>
8	Bleaching and Dyeing; Fluid Treatment and	343	Communications, Radio Wave
	Chemical Modification of Textiles and Fibers		Compositions
9	Boats, Buoys and Aquatic Devices		Compositions, Coating or Plastic
10	Bolt, Nail, Nut, Rivet and Screw Making	7	
	Books, Making	159	Concentrating Evaporators
281	Books, Strips and Leaves	193	Conveyers, Chutes, Skids, Guides and Ways
	Boot and Shoe Making		Conveyers, Fluid Current
36	Boots, Shoes and Leggings	198	Conveyers, Power-Driven
77	Boring and Drilling	147	Coopering
175	Boring or Penetrating the Earth	30	Cutlery
215	Bottles and Jars	83	Cutting
188	Brakes	31	Dairy
107	Bread, Pastry and Confection Making	329	Demodulators and Detectors
14	Bridges		Dentistry
300	Brush, Broom and Mop Making	232	Deposit and Collection Receptacles
15	Brushing, Scrubbing and General Cleaning		Dispensing
	Buckles, Buttons, Clasps, Etc.		Distillation
50	Building Structures		Distillation: Processes, Thermolytic
17	Butchering		Distillation: Processes, Separatory
218	Button, Eyelet and Rivet Setting	85	Driven, Headed and Screw-Threaded Fastenings

^{*}Class abolished during 1966 **Class established during 1966

Class	Title '	Class	Title
	Drying and Gas or Vapor Contact With Solids		Heat Exchange
172	Earth Working	263	Heating
35	Education	237	Heating Systems
13	Electric Furnaces	108	Horizontally Supported Planar Surfaces
219	Electric Heating	58	Horology
	Electric Lamp and Discharge Devices	61	Hydraulic and Earth Engineering
314	Electric Lamp and Discharge Devices, Consum-	67	Illuminating Burners
	able Electrodes	240	Illumination
316	Electric Lamp and Discharge Devices, Manufac-		Inductor Devices Internal-Combustion Engines
	ture and Repair	63	
	Electric Lamp and Discharge Devices, Systems	277	Jewelry Joint Packing
	Electrical Connectors		Knots and Knot Tying
	Electrical Generator or Motor Structure		Land Vehicles
	Electrical Resistors Electrical Transmission or Interconnection Sys-		Land Vehicles, Animal Draft Appliances
307	tems		Land Vehicles, Bodies and Tops
317	Electricity		Land Vehicles, Dumping
	Electricity, Battery and Condenser Charging and		Land Vehicles, Wheels and Axles
	Discharging	69	Leather Manufactures
200	Electricity, Circuit Makers and Breakers	158	Liquid and Gaseous Fuel Burners
	Electricity, Conductors and Insulators	122	Liquid Heaters and Vaporizers
321	Electricity, Conversion Systems	210	Liquid Purification or Separation
	Electricity, Magnetically Operated Switches, Mag-	70	Locks
	nets and Electromagnets**	184	Lubrication
324	Electricity, Measuring and Testing		Machine Elements and Mechanisms
318	Electricity, Motive Power Systems		Machine Elements, Bearings and Guides
322	Electricity, Single Generator Systems	64	Machine Elements, Shafting and Flexible Shaft
	Electricity, Transmission to Vehicles		Couplings
323	Electricity, Voltage Magnifude and Phase Control	282	M'anifolding
	Systems	115	Marine Propulsion
	Elevators	214 73	
	Elongated-Member-Driving Apparatus	124	Measuring and Testing Mechanical Guns and Projectors
	Excavating Excavating	167	Medicines, Poisons and Cosmetics
	Expansible Chamber Devices	153	Metal Bending
	Explosive and Thermic Compositions or Charges Farriery	72	the state of the s
	Fences		Metal Drawing
	Fire Escapes, Ladders, Scaffolds	78	
	Fire-Extinguishers	22	Metal Founding
	Firearms	228	Metal Fusion-Bonding Apparatus
	Fishing, Trapping and Vermin Destroying	80	Metal Rolling
	Fluent Material Handling, With Receiver or Re-	76	Metal Tools and Implements, Making
	ceiver Coacting Means	148	Metal-Treatment
137	Fluid Handling	29	Metal Working
303	Fluid-Pressure Brake and Analogous Systems	189	Metallic Building Structures*
239	Fluid Sprinkling, Spraying and Diffusing		Metallic Receptacles
99	Foods and Beverages		Metallurgical Apparatus
	Fuel and Igniting Devices		Metallurgy
	Furnaces		Mineral Oils: Apparatus
261		208	Mineral Oils: Processes and Products
	Gas, Heating and Illuminating	299	Mining or In Situ Disintegration of Hard Mate-
	Gas Pumps and Fans	220	rials Misselleneous Floateer See Pierkees Period
55 20	Gas Separation	328	Miscellaneous Electron Space Discharge Device
	Gates*	16	Systems Miscellaneous Hardware
33	Gear Cutting, Milling and Planing		Miscellaneous Hardware Modulated Carrier Wave Communication Systems
65	Geometrical Instruments Glass Manufacturing		Modulators Wave Communication Systems
	Handling, Hand and Hoist-Line Implements		Motor Vehicles
54	Harness		Motors, Expansible Chamber Type
56	Harvesters	253	Motors, Fluid
			· · · · · · · · · · · · · · · · · · ·

^{*}Class abolished during 1966 **Class established during 1966

21-	ONLAT.	C 11	met.3
Class		Class	
	Motors, Fluid Current	225	
185	Motors, Spring, Weight and Animal Powered	112 271	Sewing
49 84	Movable or Removable Closures**	270	Sheet Material Associating on Folding
	Music Nailing, Stapling and Clip Clenching	113	Sheet-Material Associating or Folding Sheet-Metal Ware, Making
163	Needle and Pin Making	114	Ships
	Nuclear Reactions and Systems	116	Signalş and Indicators
151	Nut and Bolt Locks	241	Solid Material Comminution or Disintegration
	Optics	274	Sound Recording and Reproducing
351	Optics, Eye Examining, Vision Testing and Cor-	206	Special Receptacles and Packages
221	recting	267	Spring Devices
352		249	Static Molds
350	•	52	Static Structures, e.g., Buildings
	Ordnance	120	Stationery
331	Oscillators	161	Stock Material and Miscellaneous Articles
224	Package and Article Carriers	125	Stone Working
		186	<u> </u>
	Paper Files and Binders	126	Stoves and Furnaces
	Paper Making and Fiber Liberation	127	Sugar, Starch and Carbohydrates
93	Paper Manufactures	248	Supports
	Paper Receptacles	312	Supports, Cabinet Structures
96		211	Supports, Racks
95	Photography	128	Surgery
285	Pipe Joints or Couplings	178	Telegraphy
138	Pipes and Tubular Conduits	179	Telephony
47	Plant Husbandry	135	Tents, Canopies, Umbrellas and Canes
111	Planting	87	Textiles, Braiding, Netting and Lace Making
	Plants	26	Textiles, Cloth Finishing
25	Plastic Block and Earthenware Apparatus	19	Textiles, Fiber Preparation
264	Plastic and Non-Metallic Article Shaping or Treat-	68	Textiles, Fluid Treating Apparatus
	ing: Processes	38	Textiles, Ironing or Smoothing
	Flastic Metal Working		Textiles, Knitting
	Plastics	28	Textiles, Manufacturing
	Pneumatic Dispatch	57	Textiles, Spinning, Twisting and Twining
	Power Plants	139	Textiles, Weaving
	Preserving, Disinfecting and Sterilizing	130	Threshing
	Presses	131	Tobacco
	Prime-Mover Dynamo Plants	132	Toilet
	Printed Matter	173	Tool Driving or Impacting
	Printing	306	Tool-Handle Fastenings
103 254	Pumps Pushing and Public Tourisms	81	Tools
250	Pushing and Pulling Implements Radiant Energy	291	Track Sanders
		212 334	Traversing Hoists
	Railway Draft Appliances		Tuners
105	Railway Mail Delivery Railway Rolling Stock	82 199	Turning Type Costing
246			Type Casting Type Setting
295	Railway Switches and Signals Railway Wheels and Axles	276 197	• • • • • • • • • • • • • • • • • • • •
104	Railways Wheels and Axies	27	Typewriting Machines Undertaking
	Railways, Surface Track		
	Recorders	171	Unearthing Plants or Buried Objects
	Refrigeration	251	Valves and Valve Actuation
	Registers	146	Vegetable and Meat Cutters and Comminutors
	Resilient Tires and Wheels	293	Vehicle Fenders
94	Roads and Pavements	98	Ventilation
287	Rod Joints or Couplings	333	Wave Transmission Lines and Networks
109	Safes, Bank Protection and Related Devices	177	Weighing Scales
275	Scattering-Unloaders	166	Wells ·
234		305	Wheel Substitutes for Land Vehicles
4J4	Selective Cutting (e.g., Punching)	157	Wheelwright Machines

^{**}Class established during 1966

Class	Title	Class	Title
231	Whips and Whip Apparatus		Classes Established During 1966
242	Winding and Reeling	49	Movable or Removable Closures (4/66)
245	Wire Fabrics and Structure	335	Electricity, Magnetically Operated Switches, Mag-
140	Wireworking		nets and Electromagnets (8/66)
143	Wood Sawing	350	Optics, Systems and Elements (11/66)
142	Wood Turning		Classes Abolished During 1966
20	Wooden Buildings*		
217	Wooden Receptacles	20	Wooden Buildings (4/66)
144	Woodworking	39	Gates (4/66)
145	Woodworking Tools	189	Metallic Building Structures (4/66)
269	Work Holders	268	Closure-Operators (4/66)

^{*}Class abolished during 1966

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1966

CLASSIFICATION OF PATENTS

ORIGINAL CLASSIFICATION

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3 : 3,230,544 3,237,201		3,276,036	3,266,058		3,276,042		3,281,867	97	: 3,235,889		3,284,8
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3.237.201	116	: 3,286,278	243 : 3,226,732	149	: 3,274,620	254	: 3,263,245	98	: 3,235,890		3,254,3
		3,289,213	3,256,528	155	: 3,293,664	263	: 3,226,733		3,268,921		3,254,3
3,239,842	118	: 3,277,496	3,262,128	158	: 3,289,215		3,281,868	99	: 3,233,254		3,254,3
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3,242,500	129	: RE.25,999	3,273,167	160	: 3,271,786	288	: 3,281,869	109	: 3,235,891		3,274,6
3,245,087	131	: 3,293,662	244 : 3,283,339	161	3,281,864		: 3,271,792		3,255,465		3,274,6
3,253,281		: 3,237,207	247 : 3,284,808	201	3,290,697	292	3,268,920		3,261,033		3,283,3
3,263,235	141	: 3,274,615	250 3,246,343	160	: 3,228,037	-/-	. 0,200,720	113	: 3,278,953		3,287,7
3,268,911	143		3,276,040	172	3,229,309	Class		118	: 3,266,062		3.289.2
0,200,911		: 3,283,337		112		(Jane	•	119	3,255,466		
3,273,162	146	: 3,264,654	253 : 3,242,502		3,231,902		2 225 000		2 000 467	247	3,293,6
3,273,163		3,271,780	254 : 3,245,089		3,233,251	2	: 3,235,888	121	: 3,255,467	347	
3,274,612		3,276,037	258 : 3,276,041		3,235,885		: 3,246,347	149	: 3,237,213		3,258,7
3,280,402	149	: 3,261,025	265 : 3,263,238	1	3,241,157	13	: 3,239,851	186	: 3,237,214		3,266,0
3,286,275 3,289,212	150	: 3,263,237	270 : 3,262,129	J	3,242,503		3,239,852	220	: 3,289,220	348	
3,289,212		3,264,655	301 : 3,256,529		3,256,532		3,247,526	239	: 3,289,221		3,247,5
3,290,693	152	: 3,235,880	3,262,130		3.264.656		3,258,786	246	: 3,242,505		3,271,7
3,292,180	153	: 3,237,208	3,274,617		3,268,917		3,281,870	247	: 3,286,281		3,286,2
6 : 3,237,202		3,267,489	314 : 3,256,530		3,271,787		3,281,871	248	: 3,252,170	349	: 3,276,0
3,239,843		3,284,807	323 : 3,259,916	1	3,271,789		3,284,811	260	: 3,270,354	351 :	: 3,231,9
3,262,125	157	: 3,247,522	3,267,490	İ	3,271,789		3,284,812		3,287,744		3,251,0
3,293,659	159	3,255,461	3,290,696	1	3,273,171		3,292,188	263	: 3,267,495		3,255,4
8 : 3.231.896	107	3,262,126	3,2,0,0,0	l	3,274,621	17	: 3,283,341	200	3,287,745		3,255,4
3,238,535		3,278,944	Class 3		3,276,043		3,284,813	279	: 3,226,735		3,256,5
3,239,844	161	: 3,228,035	CIMBB 3		3,277,498	21	: 3,253,283	282	: 3,251,074		3,261,0
3,251,065	101	3,229,306	1 : 3.257.668	1	3,278,949		: 3,228,041	285	3,230,555		3,262,1
3,257,667		3,255,462	1 : 3,257,668 3,263,239	1		31	3,277,503	203	3,249,953		3,264,6
		3,233,902		l	3,280,408			286			3,276,0
3,276,034		3,258,782	3,273,168	1	3,287,740	**	3,284,814	296	: 3,243,826 : 3,226,736		3,210,0
3,278,943 9 3,241,155		3,259,914	4 : 3,255,464		3,289,216		: 3,246,348	290		353	3,287,7
		3,261,026	3,278,946		3,293,665	36	: 3,242,504		3,276,044	300	: 3,230,5
3,259,908		3,274,616	12.3 : 3,266,059	173	: 3,246,345	43	: 3,258,787		3,286,282		3,242,5
3,263,236		3,283,338	.3 : 3,273,169	İ	3,257,669		: 3,278,951	317	: 3,230,556		3,251,0
3,267,487		3,290,695	.7 : 3,258,784		3,283,340	51	: 3,234,567		3,261,034		3,251,0
3,274,613	162	: 3,229,307	17 : 3,262,131	175	: 3,293,666		3,245,091		3,280,515		3,262,1
3,283,336	164	: 3,267,486	36 : 3,278,947	177	3,246,346	53	: 3.248,742		3,286,283		3,262,1
3,293,660	167	: 3,235,881	3,293,663	180	: 3,251,071		3,256,533	318	: 3,241,159		3,262,1
0 : 3,237,203		3,246,339		1	3,271,790	57	: 3,247,527	322	: 3,242,506		3,263,2
3,273,164	169	: 3,251,067	Class 4		3,287,741	60	: 3,266,061		3,242,507		3,280,4
2 : 3,226,729		3,273,165		182	: 3,233,252	61	: 3,226,734	327	: 3,230,557	.1	3,233,2
3,266,056	171	: 3,229,308	1 : 3,239,845	184	: 3,264,657		3,238,539		3,237,215	.2	: 3,273,1
3,271,778		3,234,563	2 : 3,230,549	185	: 3,228,038	62	: 3,231,904		3,241,160	354	
3 : 3,237,204	172	: 3,276,038	4 : 3,239,846		3,239,850		3,243,825		3,255,468		3,256,5
3,276,035		3.292,182	7 : 3,247,524	1	3,252,167		3,247,528		3,273,174		3,259,9
4 : 3,229,303		3,235,882	3,256,531		3,258,785		3,253,284		3,284,817		3,273,
3,231,897	1/9	3,237,209	10 : 3,259,917	l	3,268,918		3,259,921		3,287,746	355	3,259,9
3,233,269		3,261,027	15 : 3,234,565	1	3,271,791		3,284,815		3,289,222	300	3,273,1
3,233,250	101	2 200 404		j							
0,230,230	181	3,280,406	18 : 3,259,918	1	3,280,409	**	3,293,667		3,292,189		3,278,9
3,259,909	.4	: 3,245,088	19 : 3,239,847	ł.	3,289,217	63	: 3,267,493	981	3,293,669		3,287,3
3,267,488	183	: 3,276,039	34 : 3,237,211	100	3,292,187		3,271,795	331	: 3,234,570		3,293,6
3,274,614	185	: 3,273,166	41 : 3,270,351	187	: 3,229,310		3,281,872		3,248,744		: 3,266,0
5 : 3,237,205	190	3,255,463	47 : 3,280,407	1	3,231,903		3,290,700		3,289,223	361	: 3,266,0
8 : 3,247,520	196 197	: 3,242,501	57 : 3,239,848	1	3,235,886	64	: 3,230,553		3,290,701		3,278,9
1 : 3,228,033	197	: 3,247,523	3,263,240		3,267,492	66	: 3,230,554	332	: 3,259,923		3,283,
3.229.304	198	: 3.249.948	3,277,497	191	: 3,287,742		3,233,255		3,276,045	362	: 3,237,
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3,246,338 2 : 3,268,912	200	: 3.292.183	67 : 3,234,566	1 77	3,273,172		3,257,670		3.243.827	Class	6
4 : 3,258,779	201	: 3,246,340	3,278,948	203	: 3,263,243		3,262,133		3,254,348		-
3,259,910	202	: 3,271,781	68 : 3,259,919	206	: 3,228,039		3,277,501		3,258,789	10	: 3,231,9
6 : 3,251,066	206	: 3,287,737	72 : 3,273,170	100	3,281,865		3,283,342		3,266,063		: 3,245,0
8 : 3,231,898	207	3,231,900	75 : 3,262,132		3,289,218	67	: 3,253,285		3,273,175	**	3,267,4
9 : 3,286,279	201	3,238,536	77 : 3,228,036	211		68	: 3,237,212		3,273,175	12	3,290.7 : 3,290.7
6 : 3,259,911	900		11 3,220,030		: 3,281,866	96	2 090 050		3,443,170	12	
6 : 3,259,911	209	: 3,249,949	3,239,849	213	: 3,230,551		3,239,853		3,290,702		3,293,6
8 : 3,247,521		3,261,028	78 : 3,251,068	1	3,266,060		3,245,092	335	: 3,241,161	٠	_
3,255,460	.1	: 3,237,210	79 : 3,247,525		3,277,499		3,278,952	,	3,273,177	Class	7
3,259,912		: 3,287,738	109 : 3,248,740		3,287,743		3,281,873	•	3.286.284		
9.5 : 3,228,034		: 3,253,282	110 : 3,231,901	218	: 3,230,552	81	3,264,658	337	: 3,239,854	1	: 3,245,6
4 : 3,230,545		3,226,730	3,251,069	226	: 3,228,040		3,270,353		3,251,075	5.4	: 3.287.7
3.237.206	221	: 3,258,783	3,259,920	228	3,290,698		3,277,502		3,258,790		3,293,6
3,258,780		3,292,184	111 : 3,284,809	229	: 3,249,951		3,284,816		3,263,246	8.1	: 3.257.6
3,261,024	224	: 3.226,731	112 : 3,246,344	231	3,290,699		3,293,668		3,283,343		3,239,8
5 : 3,241,156	-47	3,230,548	3,249,950	236	3,261,029	82	: 3,247,529		3,290,703	1	: 3,253,2

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Class 7 -Con.	116 : 3,261,658	8 : 3,293,676	140 : 3,245,099	145 : 3,256,544	4 : 3,226,749	104.14: 3,267,504
	3,268,291	11 : 3,268,925	141 : 3,246,351	3,292,190	3,277,506	.16: 3,286,293
14.1 : 3,293,674	3,269,796	12 : 3,268,926	152 : 3,226,743	3,292,191	3,280,415	.16: 3,292,198
.55: 3,242,513	3,281,204	14 : 3,228,044	3,248,747	146 : 3,239,861	21 : 3,233,264	.3 : 3,242,518
~ ~	3,291,560	26 : 3,252,171	3,251,080	3,247,538	3,237,229	.3 : 3,246,354
Class 8	.2 : 3,233,962	3,281,875	3,258,797 155 : 3,226,744	3,262,142	3,238,550 3,238,551	.3 : 3,268,937 .3 : 3,270,362
1 : 3,232,691	.2 : 3,235,323 .2 : 3,253,881	39 : 3,284,822 304 : 3,268,927	155 : 3,226,744 3,259,930	3,274,628 3,276,056	3,241,167	.3 : 3,283,353
4 : 3,236,582	.3 : 3,227,511	307 : 3,258,794	158 : 3,255,474	3,276,057	3.249.957	.3 : 3,293,681
3,249,393	.3 : 3,230,030	3,290,707	100 . 0,200,717	3,281,876	3,251,084	105 : 3,229,316
3,254,934	.3 : 3,232,697	308 : 3,231,910	Class 11	147 : 3,276,058	3,263,255	3,243,831
3,275,400	.3 : 3,239,303	3,257,673		,	3,268,934	3,264,668
7 : 3,238,009	.3 : 3,243,252	3,261,040	1 : 3,261,044	Class 13	3,268,935	3,273,191
10 : 3,272,585	.3 : 3,246,946	3,263,248	3,283,351		3,271,802	.5 : 3,290,712
12 : 3,273,954	.3 : 3,252,751	3,286,287	2 : 3,237,223	1 : RE.25,958	3,271,803	110 : 3,230,562
14 : 3,227,510	.3 : 3,254,940	309 : 3,239,857	3,268,929	3,286,012 6 : 3,227,797	3,274,630	3,258,805 111 : 3,254,356
15 : 3,253,875 17 : 3,278,253	.3 : 3,258,305 .3 : 3,260,565	3,256,540 310 : 3,229,312	3,277,505 5 : 3,258,798	3,230,291	3,276,060 3,278,962	116 : 3,289,233
3,279,879	.3 : 3,268,292	3,231,911	3,280,413	3,235,646	3,281,877	118 : 3,226,751
18 : 3,232,692	.3 : 3,276,838	3,237,222	0,230,110	3,274,324	3,284,828	3,241,171
21 : 3,288,551	.3 : 3,285,690	3,239,858	Class 12	3,283,055	3,292,192	3,246,356
25 : 3,294,474	.4 : 3,254,941	3,254,352		9 : 3,239,592	22 : 3,233,265	3,254,357
3,294,475	.4 : 3,265,463	3,255,472	1 : 3,231,914	3,239,593	3,241,168	3,257,679
26 : 3,232,693	.4:3,269,797	3,258,795	3,241,163	3,253,076	3,241,169	3,268,938
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3,272,586	3,266,293	3,276,050	3,289,230	3,293,346	3,270,360	3,253,290
27 : 3,264,053	3,271,101	3,280,411	3,290,708	10 : 3,233,030	3,273,189	3,271,804
34 : 3,233,960	3,288,554	3,284,823	3,293,677	13 : 3,255,291	3,274,631	3,287,756
3,241,905	127.6 : 3,236,585	3,284,824	10.1 : 3,241,164	3,277,229	3,278,963	121 : 3,229,317
3,244,473	.6 : 3,279,882	3,287,754	.1 : 3,251,081	14 : 3,240,856	3,281,878	142 : 3,262,144
3,2 49 ,394	.6 : 3,282,639	3,289,227	.5 : 3,228,046	3,293,347	3,283,352	144 : 3,267,505
3,254,935	.6 : 3,292,992 128 : 3,243,253	312 : 3,235,892	.5 : 3,237,224	16 : 3,247,305	3,284,829	147 : 3,261,049 159 : 3,233,270
3,265,459 3,273,955	128 : 3,243,253 3,266,865	313 : 3,226,740 3,246,350	11.3 : 3,273,183 12 : 3,226,745	3,249,673 22 : 3,227,798	23 : 3,251,085 3,258,802	3,237,232 3,237,232
37 : 3,278,254	3,281,205	314 : 3,228,045	3,226,746	24 : 3,234,316	24 : 3,235,897	3,238,553
3,294,476	3,282,640	316 : 3,263,249	3.234.574	3,249,674	28 : 3.242.516	3,239,865
39 : 3,232,694	3,285,691	318 : 3,242,514	3,258,799	25 : 3,249,675	3,251,086	3,256,545
3,235,322	130.1 : 3,228,745	331 : 3,245,095	3,264,666	3,263,015	3,289,231	160 : 3,267,507
3,240,551	.1 : 3,236,586	338 : 3,247,531	3,266,072	3,275,735	29 : 3,239,864	3,276,062
3,240,552	.1 : 3,236,587	341 : 3,266,069	3,271,799	26 : 3,249,676	3,274,632	164 : 3,230,563
3,265,460 3,279,880	.1 : 3,239,304	342 : 3,248,746	.4 : 3,228,047	3,263,016 28 : 3,251,921	3,289,232	167 : 3,229,318
41 : 3,246,945	.1 : 3,276,839 .1 : 3,291,561	3,261,042 3,266,070	.4 : 3,268,930 .5 : 3,271,800	28 : 3,251,921 31 : 3,235,647	3,293,678 34 : 3,231,916	3,263,258 3,281,881
3,282,638	137 : 3,230,032	346 : 3,283,349	14.4 : 3,255,475	3,238,288	36 : 3,226,750	171 : 3,276,063
42 : 3,281,201	142 : 3,231,324	. 5,225,517	.4 : 3,256,543	3,243,493	3,228,052	174 : 3,231,919
43 3,239,302	3,238,011	Class 10	16.4 : 3,273,184	3,246,070	37 : 3,233,266	176 : 3,239,866
44 : 3,266,863	3,291,562		16.4 : 3,273,184 20 : 3,270,356	3,250,842	41 : 3,246,353	3,271,805
3,288,552	149,1 : 3,298,675	1 : 3,226,741	24.5 : 3,261,045	3,257,492	3,268,936	3,271,806
54 : 3,271,100	151 : 3,271,102	3,255,473	36 : 3,239,859	3,260,783	49 : 3,234,575	3,277,509
3,291,556	.2 : 3,284,820	3,278,957 2 : 3,247,532	3,243,829	3,265,801	3,284,830	179 : 3,233,271
.2 : 3,256,054 .2 : 3,275,401	152 : 3,231,908 3,233,256	2 : 3,247,532 3,259,928	47.1 : 3,247,535 49.1 : 3,238,544	3,268,648 3,281,517	3,286,289 3,286,290	3,239,867 3,281,882
55 : 3,230,029	156 : 3,268,923	3,280,412	50.5 : 3,241,165	34 : 3,254,149	50 : 3,258,803	3,289,234
3,232,695	158 : 3,234,571	6 : 3,289,228	52 : 3,255,476	3,270,118	3,263,256	180 : 3,243,832
3,236,583	3,258,792	7 : 3,238,540	53.5 : 3,251,082	359 : 3,281,518	3,277,507	3,290,713
3,241,906	3,264,661	10 : 3,245,096	.7 : 3,254,354	1	3,292,193	181 : 3,253,291
3,252,749	3,287,752	3,277,504	54.1 : 3,284,827	Class 14	52 : 3,233,267	182 : 3,233,272
3,253,877	159 : 3,231,909	3,284,825	.3 : 3,238,545		56 : 3,230,561	3,237,233
3,253,878	Class 9	11 : 3,266,071 12 : 3,264,664	.3 : 3,245,100 55 : 3,268,931	1 : 3,239,862 18 : 3,230,560	76 : 3,286,291 77 : 3,242,517	3,290,714 183 : 3,228,053
3,254,936 3,273,956	Canas 9	3,274,626	85 : 3,263,251	18 : 3,230,560 3,245,101	77 : 3,242,517 3,24 <u>5</u> ,102	3,241,172
57 : 3,233,961	1 : 3,226,738	.5 : 3,247,533	87 : 3,235,893	3,259,932	3,249,958	3,255,479
68 : 3,256,055	3,262,139	.5 : 3,289,229	3,235,894	19 : 3,247,539	3,266,074	3,256,546
74 : 3,290,111	3,271,798	13 : 3,245,097	88 : 3,226,747	27 : 3,252,173	3,286,292	3,258,806
84 : 3,265,461	3,281,874	27 : 3,238,541	3,226,748	3,258,800	3.292.194	184 : 3,268,939
85 : 3,294,477	3,283,347	3,247,534	90 : 3,257,675	36 : 3,276,059	82 > 3,234,576 3,284,831	3,278,965
86 : 3,241,907 94.12: 3,294,479	3,284,821 3,286,286	3,253,287 3,267,499	92 : 3,255,477 114.6 : 3,229,314	71 : 3,228,051 3,235,895		3,280,417 190 : 3,277,510
.21: 3,261,655	3,289,225	46 : 3,238,542	.6 : 3,276,053	3,235,896	84 : 3,281,879 3,293,679	19 : 3,231,920
.21: 3,261,656	3,289,226	50 : 3,234,572	115.8 : 3,239,860	3,249,956	87 : 3,241,170	3,263,259
.21: 3,261,657	3,29 ,706	72 : 3,251,079	116.6 : 3,251,083	3,255,478	3,292,195	3,292,199
.21: 3,266,864	2 : 3,228,042	76 : 3,231,912	.6 : 3,263,252	3,263,253	88 : 3,258,804	198 : 3,274,634
.21: 3,291,558	3,228,043	3,259,929	120.5 : 3,237,225	3,263,254	3,274,633	3,278,966
.22: 3,291,557 .24: 3,232,696	3,237,218 3,261,038	3,267,500 85 : 3,258,796	.5 : 3,237,226 125 : 3,238,546	3,268,932 3,271,801	93 : 3,263,257 3,264,667	200 : 3,237,234 3,289,235
.24: 3,279,881	3,266,067	86 : 3,233,258	128 : 3,257,676	3,274,629	3,281,880	201 : 3,253,292
.26: 3,253,879	4 : 3,259,926	3,233,262	133 : 3,228,048	3,280,414	97 : 3,238,552	209 : 3,252,176
.26: 3,254,937	6 : 3,226,739	3,238,543	3,241,166	3,290,709	98 : 3,231,917	210 : 3,226,753
.27: 9,254,938	3,233,257	3,245,098	135 : 3,276,054	3,290,710	3,251,087	3,281,883
.33: 3,251,642	3,237,219	3,257,674	136 : 3,284,826	72 : 3,238,548	3,270,361	3,289,236
.33: 3,294,478	3,239,856	3,261,043	141 : 3,228,049	73 : 3,253,288	100 : 3,237,230	3,293,682
100 : 3,240,553 3,245,751	3,241,162 3,246,349	3,263,250 3,264,665	142 : 3,228,050 3,233,261	3,253,289	102 : 3,237,231 103 : 3,284,832	215 : 3,253,293 3,278,967
107 : 3,250,587	3,255,471	3,268,928	3,237,227	Class 15	3,292,196	217 : 3,234,577
108 : 3,291,559	3,268,924	3,270,355	3,238,547		104 : 3,231,918	3,238,554
109 : 3,265,462	8 3,229,311	3,283,350	3,242,515	1 : 3,252,174	.01: 3,233,268	223 : 3,271,807
3,281,202	3,237,220	89 : 3,229,313	3,247,536	.5 : 3,239,863	.02: 3,278,964	229 : 3,230,565
115.5 : 3,228,744	3,237,221	3,231,913	3,247,537	5 : 3,273,186	.02: 3,284,833	230.11: 3,226,754
.5 : 3,253,880 .5 : 3,278,255	3,256,537	96 : 3,274,627	3,248,748	.7 : 3,229,315	.03: 3,266,075	11: 3,229,319
.5 : 3,2/8,255 .5 : 3,281,203	3,256,538 3,256,539	3,276,051 101 : 3,262,146	3,257,677 3,257,678	.7 : 3,238,549 .7 : 3,243,830	.03: 3,290,711 .04: 3,267,503	.11: 3,246,357 .11: 3,263,260
.5 : 3,284,156	3,257,672	105 : 3,276,052	3,257,678 3,259,931	.7 : 3,254,355	.04: 3,267,303	.11: 3,263,260
.5 : 3,287,082	3,258,793	106 : 3,249,954	3,262,141	.7 : 3,258,801	.06: 3,246,355	.12: 3,243,833
.6 : 3,238, 010	3,259,927	109 : 3,252,172	3,266,073	.7 : 3,268,933	.06: 3,261,048	.12: 3,256,547
.6 : 3,275,402	3,261,039	128 : 3,226,742	3,270,357	.7 : 3,273,187	.06: 3,262,143	.13: 3,258,807
.6 : 3,288,553	3,264,662	129 : 3,256,541	3,270,358	.7 : 3,273,188	.06: 3,266,076	235.3 : 3,230,566
.7 : 3,264,054 .7 : 3,272,587	3,266,068	3,267,501	3,270,359	.7 : 3,287,755	.06: 3,266,077	.3 : 3,237,235
.7 : 3,272,587 .7 : 3,292,991	3,267,498 3,273,181	135 : 3,254,353 138 : 3,256,542	3,273,185 3,276,055	3.1 : 3,231,915 .1 : 3,233,263	.06: 3,276,061 .06: 3,277,508	236 : 3,256,548 3,267,506
116 : 3,236,584	3,276,049	139 : 3,233,259	3,278,959	.1 : 3,237,228	.06: 3,283,354	237 : 3,270,363
3,252 750	3,278,956	3,273,182	3,278,960	.1 : 3,261,046	.06: 3,292,197	244 : 3,228,054
3,254,939	3,283,348	140 : 3,233,260	145 : 3,230,559	.11: 3,267,502	.1 : 3,280,416	3,228,055
3,259,452	3,287,753	3,234,573	3,249,955	.51: 3,278,961	.1:3,293,680	3,231,921
						1

									<u> </u>				
244	3,242,519	402	: 3,254,360	66 :	3,292,203	5	: 3,233,279	1 :	3,276,071	8	: 3,266,087	14	3.241.185
	3.259,933	406	: 3,280,419	67 :	3,267,513	7	: 3,270,368		3,277,519	-	3,271,817		3,241,185 3,241,186
	3,262,145	410	: 3,284,837	72 :	3,287,757		3,271,814		3,277,520		3,271,818		3,242,531
	3,274,635	ĺ	3,286,295	78 :	3,246,363		3,290,720		3,283,362		3,273,200		3,246,366
	3,281,884	412	: 3,258,810	82 :	3,273,196	8	: 3,237,240		3,284,847		3,274,644		3,256,563
246 :	3,239,868	420	: 3,281,886		3,287,758		3,248,751		3,289,246		3,276,073		3,266,092
250.01:	3,228,056 3,264,669	422 503	: 3,286,296 : 3,230,570	8 5 :	3,230,576 3,243,836	9	: 3,230,578 3,231,930		3,290,723		3,277,526		3,266,093
04.	3,230,564	504	: 3,264,675	86 :	3,274,638		3,239,877	2 :	3,229,329 3,230,581		3,280,424 3,280,425		3,270,371 3,277,531
04	3,234,579	505	: 3,284,838	87 :	3,287,759	11	: 3,229,327		3,233,284		3,289,249		3,280,429
.04:	3,238,555	506	: 3,229,321		3,262,148	• • •	3,233,280		3,237,241		3,292,210		3,280,430
.06:	3,249,959		3,230,571	.4 :	3,286,299		3,234,586		3,239,878		3,293,696		3,281,896
.11:	3,268,940	ĺ	3,280,420	.6:	3,261,052		3,243,839		3,241,180	9	: 3,226,765		3,281,897
.13:	3,246,358		3,283,357		3,293,685		3,261,054		3,242,180		3,228,062		3,284,852
.14:	3,226,755	510	3,293,683	90 :	3,276,068		3,277,514		3.245,110		3,242,530		3,292,213
.17:	3,242,520 3,226,756	510	: 3,278,973 3,278,974	93 : 94 :	3,248,749 3,273,197		3,284,846 1:3,234,587		3,252,180 3,253,300		3,245,114	15	: 3,245,117
	3,290,715	511	: 3,241,174		3,278,980	•	1:3,234,588		3,254,365		3,266,088 3,266,089	16	3,263,272 : 3,231,935
	3,247,540	512	3,230,572	97 :	3,281,888		1:3,235,904		3,254,366		3,276,074	10	3,234,598
	3,289,237	520	: 3,241,175		3,234,582		1:3,273,198		3,264,682		3,277,527		3,239,886
.25:	3,278,968		3,280,421		3,237,238		1: 3,277,515		3,267,515	10	: 3,246,365		3,241,187
.27:	3,264,670		3,230,573		3,289,243		2:3,253,296		3,268,949		: 3,226,766		3,242,532
.30:	3,264,671	522	: 3,239,871	110 :	3,243,837		3:3,277,516		3,273,199		3,228,063		3,242,533
.32;	3,254,358 3,247,541	504	3,274,637		3,266,081	12	: 3,271,815		3,277,521		3,228,064		3,245,118
.54:	3,263,261	526 531	: 3,271,809 : 3,226,760	114 :	3,263,267 3,229,322	21	: 3,229,328 3,231,931		3,277,522		3,228,065		3,245,119
.35:	3,292,200	532	: 3,289,240	121 .	3,255,483		3,235,905		3,277,523 3,281,892		3,230,582 3,234,597		3,245,120 3,249,966
	3,233,273	533	: 3,246,360		3,280,422		3,274,639		3,286,302		3,238,563		3,255,490
.42:	3,234,578	539	: 3,271,810	122 :	3,234,583	23	: 3,270,369		3,290,724		3,239,881		3,259,941
.42:	3,263,262	541	: 3,268,943	126 :	RE.26,019	25	: 3,234,589		3,290,725		3,239,882		3,261,057
256.5 :	3,271,808 3,235,898	1	3,284,839	,	3,248,750		3,283,360		3,292,208		3,239,883		3,264,687
.52:	3,235,898	543	: 3,226,761	100	3,261,053	32	: 3,230,579	.4	: 3,264,683		3,241,182		3,266,094
257 :	3,284,834	549	3,276,067 : 3,239,870	128 :			3,241,178		3,281,893		3.241,183		3,266,095
	3.264.672	550	: 3,239,670		3,243,838 3,252,179		3,245,106 3,256,557		: 3,266,085 : 3,293,695		3,241,184 3,243,848		3,266,096 3,268,951
.7 :	3,278,969	552	: 3,228,057		3,254,363		3,268,948	.7	3,274,642		3,243,849		3,276,077
258 :	3,286,294		3,231,923		3,256,552		3,287,761	3.5	3,248,754		3,245,115		3,278,989
	3,284,835	1	3,256,549		3,263,268		3,290,721	,5	3,267,516		3,245,116		3,283,365
261 :	3,276,064	555	: 3,241,176		3,264,678		3,292,207	4	3,226,764		3,248,755		: 3,241,188
267 :	3,280,418 3,278,970	1	3,256,550	Į	3,278,981		3,293,688		3,233,285		3,252,181		3,257,688
	3,234,580	558	3,286,297 : 3,226,762		3,284,842 3,290,718	33 34	: 3,264,679 : 3,228,059		3,234,594 3,237,242		3,252,182	17	
	3,226,757	900	3,235,900	1	3,234,584) "	3,228,060		3,242,527		3,254,367 3,254,368		3,241,189 3,241,190
	3,258,808	1	3,246,361	130 :	3,284,843	35	: 3,253,297		3,246,364		3,255,488		3,255,491
	3,278,971	559	: 3,270,366	138 :	3,286,300	38	: 3,283,361		3,256,559		3.255.489		3,267,520
306 ;	3,252,177 3,267,508	561 563	: 3,267,512	140 :	3,235,902	39	: 3,238,559		3,257,685		3,256,560		3,278,990
	3,270,364	303	: 3,230,574 3,231,924	1	3,239,874 3,271,811	41 42	: 3,253,298 : 3,231,932		3,258,812 3,262,150		3,256,561	10	3,286,304 : 3,277,532
	3,274,636		3,233,275	141 :	3,231,927	-92	3,264,680		3,262,151		3,256,562 3,259,940		: 3,277,532 : 3,226,767
	3,289,238		3,278,976	145 :	3,237,239	43	: 3,242,524		3,266,086		3,261,056	.,	3,228,066
308 :	3.264.673		3,290,717	147 :	3,262,149	j	3,290,722		3,271,816		3,262,154		3,231,936
	3,278,972 3,292,201	567 568	: 3,278,977	140	3,290,719	44	: 3,245,107		3,274,643		3,262,155		3,231,937
310 :	3,254,359	569	: 3,255,481 : 3,256,551		3,283,359 3,251,088		1 : 3,243,840' 1 : 3,243,841		3,276,072 3,281,894		3,262,156		3,238,565
	3,261,050	, 507	3,264,676	103 .	3,251,089		1 : 3,247,543		3,281,895		3,264,685 3,264,686		3,238,566 3,239,887
	3,237,236		3,266,079		3,251,090		1:3,249,963		3,284,849		3.266,090		3,243,850
	3,245,103	i	3,281,887		3.292,204		1:3,263,270	5	: 3,231,933		8,267,518		3,245,121
	3,268,941	571	: 3.259,935	154 :	3,289,244		1:3,289,245		3,234,595		3,267,519		3,248,756
313 :	3,276,065 3,230,567	572 573	: 3,242,522 : 3,263,263	158 ; 166 ;	3.268,946	45	2 : 3,233,281		3,235,907		3,268,950		3,256,564
	3,284,836	575	3,263,264	100 .	3,231,928 3,276,069	4.5	: 3,228,061 3,230,580		3,235,908 3,237,243		3,270,370 3,271,819		3,256,565
	3,267,509	578	: 3,237,237	167 :	3,235,903		3,233,282		3,237,244		3,271,820		3,256,566 3,257,689
	3,230,568	592	: 3,263,265	168 :	3.233.277		3,233,283		3,239,879		3,271,821		3,258,813
	3,266,078 3,273,193	595 605	: 3.289.241	169 :	3,263,269		3,234,590		3,239,880		3,271,822		3,258,814
320 ;	3,277,511	005	3,231,925 3,293,684	171 :	3,226,763 _. 3,231,929		3,234,591		3.243,846		3,273,201		3,259,942
	3,289,239	610	: 3,292,202	i	3,242,523	ĺ	3,234,592 3,238,560		3,243,847 3,245,111		3,273,202 3,274,645		3,262,157 3,267,521
321 :	3,258,809			İ	3,284,844		3,238,561		3,247,545		3,274,647		3,267,522
202	3,262,146	Class	- 16		3,287,760	İ	3,241,179		3,249,964		3,276,075		3,267,523
323 :	3,246,359 3,253,294	1	: 3,233,276	178	3,256,553	[3,242,525		3,251,092		3,276,076		3,268,952
	3.257,680		3,261,051	180 :	3,254,364 3,255,484	ļ	3,243,842 3,245,108		3,257,686 3,257,687		3,277,528		3,273,203
	3,273,194	2	: 3.243.835	1	3,228,058	1	3.248,752		3,261,055		3,277,529 3,278,986		3,280,428 3,286,305
325 ;	3,270,365		3,264,677	190 :	3.256.554		3,253,299		3,262,152		3,278,987		3,287,765
327 :	3,226,758	. 7 . 8	3.245,104	197 :	3,233,278	i	3,255,485		3,264,684		3,278,988		3,290,728
	3,255,480 3,283,355	16	: 3,234,581 : 3,254,361	1	3,271,812 3,278,982		3,257,684		3.267,517		3.280,426	20	: RE.26,045
328 :	3,226,759	18	3,235,901		3,278,982	ſ	3,264,681 3,274,640		3,277,524 3,278,984		3,283,364		3.276,079
			3,239,872	1	3.293.686		3,276,070		3,278,985		3,284,848 3,284,850		3,277,533 3,284,853
	3,241,173 3,242,173	19	: 3,270,367	!		i	3,276,070 3,277,517		3.280.423		3,287,763		3,293,691
220	3,264,674	. 20	3 283 358	Class I	7		3,277,518		3.283,363 3.286,303		3.287,764	21	: 3,280, 4 31
330 : 331 :	3,238,556 3,257,681	22	: 3,231,926 : 3,277,513 : 3,238,558		2 000 204		3,278,983		3.286,303		3.292.211	24	: 3.256.567
	3,231,922	31 35	3.238 559	1 :	3,229,324 3,230,577		3,281,890 3,281,891		3,287,762		3,292,212 3,293,689	~	3,278,991 3,233,287
	3,238,557		3,239,873		3,234,585	500	459 3,237,706		3,289,247 3,289,248		3,293,689	26	3,233,287
	3,253,295	37	: 3,249,960	i	3,239,875				3,292,209	13	: 3,239,884		3,263,273
340 :	3,277,512	42	: 3,254,362	1	3,256,555	Clas	s 18		3,290,726		3,239,885 3,247,547		3,263,274
34U :	3,233,274 3,242,521	43 44	: 3,230,575	i	3,258,811		2 02 - 505	6	3.241,181		3,247,547		3,263,275
	3,242,521	+4	: 3,263,266 3,286,298	!	3,268,947 3,271,813	1	: 3,234,593 3,235,906		3,242,528		3,249,965	20	3,293,692
344 :	3,230,569		3.284,840		3,284,845		3,235,906	8	3,277,525 3,229,330		3,252,183 3,254,369	30	3,226,768 3,226,769
	3.267.510		: 3.252.178	1	3,292,205		3,243.843	o	3,231,934		3,263,271		3,229,331
244	3,273,195	1	3,259,936		3.292.206	l	3,243,844		3,231,596		3,266,091		3,231,938
346 : 347 :	3,268,942 3,257,682	51	3,268,944		3,293,687		3,243,845		3,237,245		3,274,646		3,233,288
	3,229,320	91	: 3,246,362 3,259,937	2 :	3,229,325 3,229,326	!	3,245,109 3,247,544		3.238,562		3,274,648		3,235,909
352 :	3,276,066	52	: 3.266,080	Į.	3,239.876	İ	3,247,544		3,242,529 3,245,112		3.274.049		3,238,567 3,238,568
353 :	3.267.511	1	3,268,945		3,245,105		3.255.486		3.245,113		3,274,649 3,277,530 3,280,427		3,238,508
	3,290,716		3,284,841	1	3,247.542	1	3,256,558		3.247,546		43,284,851		3 941 109
354 : 365 :	3,262,147 3,235,899	55 62	: 3,241,177 : 3,255,482	1	3,249,962 3,251,091		3,266,082		3.253.301		3.289.250		3,245,122 3,246,367 3,246,368
373 :	3,259,934	66	: 3,233,482		3,251,091		3,266,083 3,266,084		3,255,487 3,259,938		3,289,251 3,290,727		3,246,367
-393 :	3,281,885	1	3,278,979	1	3.257.683	i	3,267,514		3,259,939	14	: 3,233,286		3,246,368
400 :	3,283,356	I	3.289.242	1	3,281,889	1	3,274,641		3.262,153		3,238,564		3,253,302
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■ 18 —Con.	106 : 3,283,366 108 : 3,234,599	2.7 : 3,233,963 .7 : 3,235,324	57.2	: 3,278,999 : 3,283,368	162 164	: 3,254,379 : 3,257,693	14	: 3,227,513	87	: 3,233,
30 : 3,253,303	112 : 3.264.690	.7 : 3,257,159	.2	3,283,370		3,263,286		3,228,747 3,230,035	1 .	3,241, 3,244,
3,254,370 3,254,371	114 : 3,290,729 129 : 3,290,730	.7 : 3,257,160 .7 : 3,272,588		: 3,286,309 : 3,286,310		: 3,258,816 : 3,287,772		3,231,327 3,232,698		3,250,
3,256,568	144 : 3,234,600	.7 : 3,288,555	.2	3,287,770		: 3,246,374		3,232,699		3,253, 3,261;
3,259,943 3,259,944	.5 : 3,264,691 145 : 3,254,374	7 : 3,284,157 53 : 3,261,659	.2			3,254,380		3,238,012	100	3,261,
3,262,158	3,284,856	3,279,883		: 3,290,734 : 3,292,215		3,263,287 3,266,107		3,238,013 3,244,474		3,271 3,278
3,263,276	3,289,254	54 : 3.264,055	.2	3,292,216		3,284,862		3,245,753	!	3,294
3,263,277 3,2 63,278	3,293,699 .3 : 3,255,494	56 : 3,246,947 58 : 3,257,161	.2 .2	3,292,217 3,293,704	193	: 3,226,784	1	3,245,754		3,294
3,264,688	.3 : 3,263,280	3.276.841	.3	3,258,815		3,228,074 3,229,338		3,248,168 3,249,396	88	: 3,238 3,241
3,266,097	.5 : 3,251,097 150 : 3,230,584	60.5 : 3,231,325	.3	3,268,959	• .	3,235,923	1	3,249,397		3,245
3,267,524 3,270,372	150 : 3,230,584 3,235,912	.5 : 3,241,908 .5 : 3,257,162	.3			3,241,199 3,242,539	.,	3,249,398		3,257
3,278,992	3,246,370	.5 : 3,258,306		3,290,735		3,247,556		3,251,643 3,252,752	}	3,258. 3,259.
3,281,898 3,281,899	3,255,495 156.3 : 3,235,913	.5 1 3,273,957 61 : 3,233,964	.4	3,228,072		3,249,971		3,252,753	ĺ	3,272
3,281,900	.3 : 3,252,186	3,285,692	3	3,261,059 3,279,000		3,259,947 3,262,165		3,253,884 3,254,944	İ	3,278 3,282
3,284,854	.3 : 3,268,954	3,285,693		: 3,233,292		3,266,108		3,256,056	. 89	: 3,240
3,287,766 3,287,767	.4 : 3,239,889 .4 : 3,256,569	74 : 3,230,033 3,235,325		3,234,603 3,239,895		3,273,211 3,274,651	.5	: 3,227,514		3,268
3,292,214	159 : 3,233,290	3,239,305		3,250,048		3.274.652	.5 .5	: 3,227,515 : 3,227,516	Ť	3,268 3,272
3,293,693 3 : 3,267,525	3,241,196 3,242,534	3,254,942		3,253,306	194	: 3,255,500	.5	: 3,228,748		3,278 : 3,250
4 : 3,247,548	3,246,371	3,294,480 83 : 3,292,993		3,255,498 3,262,163	195	3,263,288 : 3,277,541	.5 .5	3,228,749 3,230,036	90	: 3,250 3,294
3,273,204	3,249,968	84 : 3,248,167		3,273,209		: 3,226,785	.5 .5	: 3,235,326	91	: 3,241
3,278,993 .1:3,281,901	3,271,826 160 : 3,263,281	85 : 3,233,965 87 : 3,236,588		3.283,369 3,290,736		3,234,607 3,239,897	.5	: 3,235,327		3,282
5 : 3,247,549	161 : 3,255,496	92 : 3,271,103	63	3.267.530		3,241,200	.5 .5	: 3,238,014 : 3,239,306	92 98	: 3,254 : 3,249
3,262,159 5 : 3,230,583	3,277,537 3,284,857	93 : 3,278,256 94 : 3,253,882		3,267,531		3,249,972	.5	: 3.239.307	1	3,288
3,237,248	200 : 3,287,768	3,254,943	65	3,283,371 3,263,285		3,256,574 3,259,948	.5 .5	: 3,240,556 : 3,241,909	102	: 3,239 3,245
3,246,369 3,247,550	202 : 3,239,890	3,291,563		3,280,434		3.259.949	.5 .5	: 3,243,254	103	: 3,230
3,254,372	294 : 3,293,700 231 : 3,290,731	98 : 3,272,589 105 : 3,261,660		3,284,860 3,290,737		3,270,382	.5	: 3,243,255		3,232
3,270,373	240 : 3,243,853	110 : 3,290,112	.1	3,234,604	200	3,292,220 : 3,237,253	.s .5	: 3,243,256 : 3,243,257	105	3,285 : 3,227
3,276,078 3,293,694	3,268,955 3,289,255	116 : 3,285,694 120 : 3,288,556	67	3,266,105		3.238,578	.5	: 3,249,400	106	: 3,230.
3,248,757	245 : 3,237,249		68	3,254,377 3,267,532		3,251,102 3,264,694	.5 .5			3,230 3,233
3,273,205 1 : 3,233,289	3,247,553	Class 22		3.268,960		3,268,962	.5	: 3.250.590		3,233
1 : 3,233,289 3,255,492	3,267,526 246 : 3,251,098	3 : 3,286,308	69	3,270,377 3,262,164		3,270,381 3,270,383	.5	: 3,251,644	100	3,236
2 : 3,226,770	254 : 3,243,854	9 : 3,231,946	٠,	3.283.372		3,271,828	.5 .5		107	3,228
3,226,771 3,226,772	3,251,099 255 : 3,235,914	3.231,947	*0	3,286,311		3.273,212	.5	: 3,252,755	108	: 3.238.
3,238,569	3,254,375	3,231,948 3,249,969	70	3,234,605		3,276,081 3,279,005		: 3,252,756 : 3,235,328		3,240.
3,241,193	3,290,732	3.278,995		3.252.187		3,283,376	1.9	3,256,057		3,244. 3,264.
3,243,851 3,248,758	258 : 3,246,372 263 : 3,251,100	10 : 3,235,921		3,256,572		3.290,740		3,256,058		3,273.
3,255,493	3,251,101	3,253,304 3,277,538		3,270,378 3,292,218	.1	: 3,228,075 : 3,234,608		3,259,455 3,294,481	109	3,292
3,266,098	267 : 3,238,570	3.278,996	73	3,228,073	.1	: 3.237,254		3,294,482	109	3,241.
3,266,099 3,280,432	278 : 3.283,367 281 : 3,278,994	3,290,733 13 : 3,266,102	75	3,234,606 3,290,738		: 3,245,126		: 3,240,557		3,246.
3,289,252	288 : 3,273,206	3,278,997		3,229,337		: 3,287,773 : 3,290,741	17 19	: 3,254,945 : 3,271,104	110	3,294 : 3,272
3,293,697 3 : 3,277,534	295 : 3,256,570	14 : 3,267,527 17 : 3,255,497		3,235,922	.1	: 3,290,742		3,288,559		: 3,248
3,293,698	Class 20	17 : 3,255,497 20 : 3,254,376		3,247,555 · 3,248,759		: 3,293,707 : 3,254,381	22	3,228,750 3,244,475	113	3,252.
4 : 3,277,535 5 : 3,257,690	11 2 222 270	3,273,207		3.261,060	.5	: 3,264,695		3.257,164		: 3,264 : 3,259
3,266,100	11 : 3,239,978 3,245,124	3,293,701 3,293,702		3,279,001 3,279,002	202	: 3.293,708 : 3.258,817		3.272,590	117	: 3,227,
7 : 3,289,253	12 : 3,228,068	21 : 3,278,998		3.279.003		: 3,229,339	23	3,275,404 : 3,287,084		3,256, 3,281,
ass 19	16 : 3,226,775 3,226,776	25 : 3,234,601 26 : 3,229,336	an	3,293,705	11	3,238,579	42	: 3,257,165		: 3,264,
!	19 : 3.226,777	3,293,703	82	3,226,783 3,230,588	204	3,264,696 : 3,264,697	48	3,232,700 3,236,589	121	: 3,243. 3,271.
.22: 3,271,824 .25: 3,252,185	3,226,778	35 : 3,238,575		3,255,499	207	3,276,082		3,248,169	122	: 3,261.
.25: 3,262,160	3,230,585 3,235,915	3,263,282 36 : 3,253,305		3,277,539 3,293,706	209	3.279.006 ± 3.239.898 ±		3,250,591		: 3,273
.25: 3,268,953	3,239,891	38 : 3,234,602	84	3.253,307		3.279.007		3,256,059 3,261,662	134	: 3,253. 3,262.
.25: 3,270,374 .25: 3,271,823	3,241,197 3,242,535	3,256,571 40 : 3,233,291	8 5	3,267,539	211	: 3.234,609	50	: 3,227,517	139	: 3,268
.25: 3,276,080	23 : 3,228,069	42 : 3,267,528		3,271,827 3,281,904	212	3,248,764 : 3,233,294		3,227,518 3,251,646	140	3,281 : 3,231
.26: 3,251,093 .32: 3,241,195	3,238,571	3,280,433		3.290.739		3,233,295		3,272,591	r. TeU	3,254
.6 : 3,241,194	3,245,125 24 : 3,242,536	3,289,256 45 : 3,270,375	89	3,230,589 3,243,856		3.268,963 3.283,377	51	: 3,231,328		3,273
3 : 3,243,852	35 : 3,243,855	46 : 3,266,103	•	3,248,760	215	: 3,283,377		3,243,258 3,266,867	141	3,288
3 : 3,284,855 3 : 3,245,123	42 : 3,230,586 52 : 3,237,250	3,284,858		3,248,761		3,247,557		3,292,994	• • • •	3,264
3.251.094	.2 : 3,226,779	48 : 3,238,576 57 : 3,228,070		3.249.970 3.256.573	216.5	: 3.258.818	52 59	: 3,241,910 : : 3,290,113 ;	142	3.268
3,277,536	.2 : 3,239,892	3,246,373		3,277,540	Class	23	39	3,290,113	142	: 3,227 3,240
3,266,101 3 : 3,231,939	.4 : 3,229,332 .4 : 3,235,916	3,261,058 3,287,769	92	3.279.004			-61	: 3.258,307		3,262
.5 : 3,264,689	.4 : 3.238.572	.2 : 3.226,782	93	3,283,373 3,283,374	1	3,231,326	63	3.262,752 : 3.232,701		3,265. 3,265.
3,254,373	53 : 3,239,893	.2 : 3,228,071	94	3,248.762		3,261,661	· ·	3,235,329		3,275
3,271,825 3,286,306	64 : 3,235,917 69 : 3,226,780	.2 : 3.237,251 .2 : 3.237,252		3.268,961 3.270,379	2	: 3.228,746 3.230,034		3,236,590	143	: 3,231.
3.226,773	3,235,918	.2 : 3,238,577	95.5	3.259.946		3.240.554		3.236.591 3.244.476		3,240. 3,240.
3.228.067 3.247.551	3,235,919 3,238,573	: 3.239.894	.5	3.273.210		3.240.555		3.245.755		3.264.
3,247,552	3,238,573	.2 : 3.247,554 .2 : 3.257,691	109	3.284.861		3.245,752 3.253,883		3,254,946 3,260,567		3.265.
3,263,279	3,241,198	.2 : 3.262,161	110	3.270.380		3,257,163		3,264,057	145	3,278, : 3,230,
3,286,307 3,239,888	3,242,537 92 : 3,226,781	.2 : 3.262.162 .2 : 3.263,283	112	3.287.771		3,259,453		3.273.958		3,243.
3,251,095	3,229,333	.2 : 3,263,284	124	3,292,219		3,259,454 3,260,566	65	3,273,959 : 3,281,206		3,278 3,278
3,251,096 : 7.5 : 3,231,940	3,229,334	.2 : 3,264,692	129	3.242.538 3.248,763		3,262,751	71	: 3,230,037	146	: 3,230
3,226,774	3,229,335 3,230,587	.2 : 3.266,104 .2 : 3.267,529		3.254.378 3.257.692		3,264,056 3,266,866	79	: 3.241,911	149	: 3,232.
5 : 3,235,910	3,231,945	.2 : 3,268,956		3.266.106		3,279,884	85	3,287,085 : 3,241,912	151	: 3,239. 3,244.
5 : 3,231,941 3,235,911	3,235,920	.2 : 3.268,957 .2 : 3.268,958	131	3.286,312		3,288,557		3,254,947		3,251
3.249,967	Class 21	.2 : 3,270,376	1-31	3,264,693		3.288.558 3.291.564		3,278,257 3,288,560	152	3,254, : 3,258,
3,259,945 3,281,902	2 : 3,276,840	.2 : 3,273,208	150	3,261,061		: 3.275.403	86	: 3,251,647		3.278.
	4 : 0.4(0.040 !	2 : 3.274.653	157 :	3.230,590	14	: 3,227.512	87	: 3,228,751	153	: 3.238,