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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	1614			
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Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	49	58
			649	
Class	514	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	1	
			63	772
			773	788
			789	DIG 1
			FOR 100	FOR 108
Art Unit	1615			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	400	
			402	502
			48	
			61	64
			69	78.38
Class	514	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	772.1	772.7
			788.1	
Art Unit	1616			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	1.11	47
			114	126
			59	60
			600	648
			65	68
			650	724
			84	
			900	DIG 16
Class	504	PLANT PROTECTING AND REGULATING COMPOSITIONS	ALL	
Class	534	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	10	16
Class	552	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	

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		Class Title	Subclass Ranges	
			From	To
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Art Unit	1617			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	401	
-----				
Art Unit	1621			
-----				
Class	260	CHEMISTRY OF CARBON COMPOUNDS	1	665 R
Class	518	CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR PURIFICATION OR RECOVERY OF PRODUCTS THEREOF	ALL	
Class	532	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	534	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	FOR 000	
Class	554	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	556	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	560	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	129	319
Class	562	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	1	126
			512	578
			590	836
Class	564	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	568	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	570	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	987	ORGANIC COMPOUNDS CONTAINING A Bi, Sb, As, OR P ATOM OR CONTAINING A METAL ATOM OF THE 6TH TO 8TH GROUP OF THE PERIODIC SYSTEM	ALL	
-----				
Art Unit	1623			
-----				
Class	514	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	23	43
			45	62
Class	536	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	1.11	22.1
			25.1	128

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		Class Title	Subclass Ranges	
			From	To
Art Unit 1624				
-----				
Class	540	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	544	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	560	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	330	FOR 000
Class	562	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	837 869	839 FOR 000
Art Unit 1625				
-----				
Class	546	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	ALL	
Class	548	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	255	269.4
Class	549	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	252 367 429 456	355 368 431 563
Class	560	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	1 122	120 128
Class	562	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	400 579	511 589
Art Unit 1626				
-----				
Class	534	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	550 7	DIG 10
Class	548	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	100 300.1	254 FOR 000
Class	549	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	1 356 369 432	251 366 428 455
			FOR 000	

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1631			
-----				
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	DIG 51	
Art Unit	1632			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	520	583
			93.1	93.73
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	1.1	1.3
			183	188
			189	234
			69.5	69.52
			69.8	69.9
			71.3	90
			91.33	
			92	171
			44	
Class	514	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	3	25
Class	800	MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS THEREOF AND RELATED PROCESSES	FOR 100	
Art Unit	1634			
-----				
Class	536	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	24.1	24.33
Art Unit	1635			
-----				
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	91.1	91.32
			91.4	91.53
Class	536	ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES	23.52	23.53
			24.5	
Art Unit	1636			
-----				
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	325	408
			FOR 100	FOR 113
Art Unit	1638			
-----				
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND	410	431

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1639			
-----				
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	DIG 1	DIG 50
Art Unit	1641			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	130.1	137.1
			139.1	
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	40.5	40.52
			7.23	
			960	975
Class	436	CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING	500	504
			512	829
Class	930	PEPTIDE OR PROTEIN SEQUENCE	FOR 000	
Art Unit	1642			
-----				
			138.1	
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	147.1	149.1
			159.1	162.1
			186.1	190.1
			196.11	
			199.1	
			204.1	229.1
			281.1	
			800	832
			440	490
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	22	
Class	514	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	333	345
Class	530	CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF	860	868
Art Unit	1644			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	140.1	143.1
			145.1	
			171.1	

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1645			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	144.1	
			146.1	
			150.1	157.1
			163.1	170.1
			175.1	183.1
			185.1	
			193.1	195.11
			197.11	198.1
			200.1	203.1
			230.1	274.1
			278.1	280.1
			282.1	283.1
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	235.1	239
			252.3	252.35
			257.2	
			3	7.22
			317.1	
			68.1	
			7.25	7.95
			70.1	71.2
			821	
Class	530	CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF	331	332
			389.7	394
			400	427
			800	859
Art Unit	1646			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	158.1	
			172.1	174.1
			277.1	
			85.1	85.7

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1649			
-----				
Class	800	MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS THEREOF AND RELATED PROCESSES	FOR 000	FOR 104
Art Unit	1651			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	94.1	94.67
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	173.1	182
			2	
			242	252.2
			252.4	254.1
			254.2	257.1
			259	261
			41	67
			8	40
			800	804
			815	816
			818	
			820	
			822	948
Art Unit	1652			
-----				
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	188.5	
			257.3	258.4
Class	530	CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF	396	
Art Unit	1653			
-----				
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	184.1	
			191.1	192.1
			FOR 000	
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	69.1	69.4
			69.6	69.7
Class	530	CHEMISTRY: NATURAL RESINS OR	352	385

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1654			
Class	424	DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS	195.15	195.18
			725	780
Art Unit	1661			
Class	PLT	PLANTS	ALL	
Art Unit	1711			
Class	264	PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES	4.1	4.7
Class	427	COATING PROCESSES	213.3	213.36
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	355 N	355 R
			355.0A K	
			355.0C P	
			356	
			402.2	402.24
			412	
			422.8	425.9
			473.5	479.6
Class	521	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	50	921
Class	522	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	ALL	
Class	524	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	732	734
			9	58
Class	525	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	178	184
			191	318
			419	436
			54.1	54.45
			63	99
			920	
			926	929
Class	527	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	ALL	
Class	528	SYNTHETIC RESINS OR NATURAL RUBBERS --	1	3



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		Class Title	Subclass Ranges	
			From	To
Art Unit	1712	-----	-----	-----
Class	252	COMPOSITIONS	175	181
			363.5	366
			582	600
			700	
Class	260	CHEMISTRY OF CARBON COMPOUNDS	998.2	998.22
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	355.0A C	
			355.0B L	355.0C N
			355.0E N	355.0R A
			413	419
			429	
			447	
Class	507	EARTH BORING, WELL TREATING, AND OIL FIELD CHEMISTRY	ALL	
Class	516	COLLOID SYSTEMS AND WETTING AGENTS; SUBCOMBINATIONS THEREOF; PROCESSES OF MAKING, STABILIZING, BREAKING, OR INHIBITING	ALL	
Class	523	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	400	468
Class	525	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	100	145
			165	177
			389	418
			437	460
			471	479
			501	919
			921	925
			930	942
Class	528	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	373	391
			4	43
			403	421
			87	124
			FOR 000	

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1713	-----	-----	-----
Class	260	CHEMISTRY OF CARBON COMPOUNDS	998.11	998.19
			DIG 14	FOR 000
			ALL	
Class	520	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	25	39
Class	521	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	186	269
Class	524	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	280	322
			354	391
			457	461
			474	491
			501	
			543	587
			591	
			596	
			598	
			608	609
			714	731
			736	741
			755	762
			765	778
			792	796
			800	846
			848	856
			900	929
			146	164
Class	525	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	185	190
			319	388
			461	470
			480	500
			54.5	62
			7	54

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1714	-----	-----	-----
			ALL	
Class	44	FUEL AND RELATED COMPOSITIONS	1	8.05
Class	252	COMPOSITIONS	181.1	194
			380	407
			478	492
			601	647
			960	DIG 18
			40	49.8
Class	521	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	FOR 000	
			1	375
Class	523	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	500	FOR 000
			1	8
Class	524	SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES	270	279
			323	353
			392	456
			462	473
			492	500
			502	542
			588	590
			59	185
			592	595
			597	
			599	607
			610	713
			735	
			742	754
			763	764
			779	791
			797	799
			847	
			857	881

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1721			
-----				
Class	252	COMPOSITIONS	FOR 247	FOR 254
Art Unit	1722			
-----				
Class	249	STATIC MOLDS	197	206
			52	187.1
			DIG 1	DIG 5
Class	425	PLASTIC ARTICLE OR EARTHENWARE SHAPING OR TREATING: APPARATUS	ALL	
Art Unit	1723			
-----				
Class	127	SUGAR, STARCH, AND CARBOHYDRATES	1	28
Class	210	LIQUID PURIFICATION OR SEPARATION	198.2	198.3
			222	231
			321.6	347
			417	512.3
			634	659
			695	
			782	
			787	789
			85	149
			900	DIG 17
Class	366	AGITATING	ALL	
Class	494	IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS	ALL	
Art Unit	1724			
-----				
Class	55	GAS SEPARATION	ALL	
Class	95	GAS SEPARATION: PROCESSES	ALL	
Class	96	GAS SEPARATION: APPARATUS	ALL	
Class	209	CLASSIFYING, SEPARATING, AND ASSORTING SOLIDS	162	170
Class	210	LIQUID PURIFICATION OR SEPARATION	150	198.1
			199	221.2
			232	320

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	1725			
-----				
Class	164	METAL FOUNDING	ALL	
Class	219	ELECTRIC HEATING	121.6	162
			50	121.35
Class	228	METAL FUSION BONDING	ALL	
Class	505	SUPERCONDUCTOR TECHNOLOGY: APPARATUS, MATERIAL, PROCESS	230	238
-----				
Art Unit	1731			
-----				
Class	65	GLASS MANUFACTURING	ALL	
Class	131	TOBACCO	ALL	
Class	162	PAPER MAKING AND FIBER LIBERATION	ALL	
Class	264	PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES	332	
			43	44
			600	683
-----				
Art Unit	1732			
-----				
Class	264	PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES	.5	4
			333	574
			45.1	331.22
			5	42
			900	FOR 102
-----				
Art Unit	1733			
-----				
Class	152	RESILIENT TIRES AND WHEELS	151	169
			192	212
			300	322
			331.1	373
			450	DIG 6
			DIG 12	
			DIG 14	DIG 16
			DIG 18	DIG 19
Class	156	ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE	1	63
			160	161

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		Class Title	Subclass Ranges	
			From	To
Art Unit	1734	-----	-----	-----
Class	118	COATING APPARATUS	13	714
			DIG 1	DIG 22
Class	156	ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE	157	159
			162	
			165	
			182	183
			229	241
			247	271
			276	282
			288	289
			304.1	304.7
			344	
			349	379
			383	392
			441.5	458
			475	499
			502	
			504	598
			64	65
			73.1	73.6
			82	
			89.11	89.28
			DIG 1	DIG 51
Art Unit	1741			
Class	204	CHEMISTRY: ELECTRICAL AND WAVE ENERGY	DIG 3	DIG 13
			FOR 920	FOR 936
Art Unit	1742			
Class	75	SPECIALIZED METALLURGICAL PROCESSES, COMPOSITIONS FOR USE THEREIN, CONSOLIDATED METAL POWDER COMPOSITIONS, AND LOOSE METAL PARTICULATE MIXTURES	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 1743				
-----				
Class	68	TEXTILES: FLUID TREATING APPARATUS	FOR 000	
			49	104
Class	422	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING	1	183
Class	436	CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING	900	FOR 000
			ALL	
Class	512	PERFUME COMPOSITIONS	266	274
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS		
Art Unit 1744				
-----				
			ALL	
Class	15	BRUSHING, SCRUBBING, AND GENERAL CLEANING	FOR 000	
Class	205	ELECTROLYSIS: PROCESSES, COMPOSITIONS USED THEREIN, AND METHODS OF PREPARING THE COMPOSITIONS	408.1	
Class	252	COMPOSITIONS	8.57	8.63
			ALL	
Class	300	BRUSH, BROOM, AND MOP MAKING	1	43
Class	422	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING	120	128
			243	244
			255	310
			900	902
Class	435	CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY	262	309.4
			805	814
			817	
			819	
			FOR 000	
Art Unit 1745				
-----				
Class	29	METAL WORKING	2	
			623.1	623.5
			730	731
Class	429	CHEMISTRY: ELECTRICAL CURRENT PRODUCING	1	11

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		Class Title	Subclass Ranges	
			From	To
Art Unit 1746				
Class	8	BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS	147	159
Class	68	TEXTILES: FLUID TREATING APPARATUS	1	903
Class	134	CLEANING AND LIQUID CONTACT WITH SOLIDS	ALL	
Class	204	CHEMISTRY: ELECTRICAL AND WAVE ENERGY	196.01	196.38
Class	205	ELECTROLYSIS: PROCESSES, COMPOSITIONS USED THEREIN, AND METHODS OF PREPARING THE COMPOSITIONS	279	297.16
Class	429	CHEMISTRY: ELECTRICAL CURRENT PRODUCING APPARATUS, PRODUCT, AND PROCESS	334	337
Class	429	CHEMISTRY: ELECTRICAL CURRENT PRODUCING APPARATUS, PRODUCT, AND PROCESS	343	
Class	429	CHEMISTRY: ELECTRICAL CURRENT PRODUCING APPARATUS, PRODUCT, AND PROCESS	724	741
Class	429	CHEMISTRY: ELECTRICAL CURRENT PRODUCING APPARATUS, PRODUCT, AND PROCESS	12	46
Art Unit 1751				
Class	8	BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS	160	FOR 000
Class	252	COMPOSITIONS	94.1 D	142
Class	252	COMPOSITIONS	367.1	
Class	252	COMPOSITIONS	500	581
Class	252	COMPOSITIONS	67	69
Class	252	COMPOSITIONS	71	79
Class	252	COMPOSITIONS	88.1	88.2
Class	252	COMPOSITIONS	FOR 100	FOR 113
Class	505	SUPERCONDUCTOR TECHNOLOGY: APPARATUS, MATERIAL, PROCESS	100	220
Class	510	CLEANING COMPOSITIONS FOR SOLID SURFACES, AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF PREPARING THE COMPOSITIONS	239	FOR 000
Class	510	CLEANING COMPOSITIONS FOR SOLID SURFACES, AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF PREPARING THE COMPOSITIONS	ALL	
Art Unit 1752				
Class	430	RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF	138	270.1
Class	430	RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF	271.1	289.1
Class	430	RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF	300	310
Class	430	RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF	331	
Class	430	RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF	346	393



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		Class Title	Subclass Ranges	
			From	To
Art Unit	1753			
-----				
Class	136	BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC	ALL	
Class	204	CHEMISTRY: ELECTRICAL AND WAVE ENERGY	155	192.38
			198	227
			298.01	553
			600	626
			641	645
			900	914
			FOR 000	
			FOR 937	
Class	205	ELECTROLYSIS: PROCESSES, COMPOSITIONS USED THEREIN, AND METHODS OF PREPARING THE COMPOSITIONS	118	146
			158	219
			238	315
			338	342
			354	362
			397	401
			410	411
			413	497
			50	79
			508	559
			687	723
			742	928
Class	422	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING	186	186.3
			903	907
Art Unit	1754			
-----				
Class	23	CHEMISTRY: PHYSICAL PROCESSES	ALL	
Class	71	CHEMISTRY: FERTILIZERS	ALL	
Class	252	COMPOSITIONS	372	378 R
			950	951
Class	423	CHEMISTRY OF INORGANIC COMPOUNDS	1	325
			335	659

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		Class Title	Subclass Ranges	
			From	To
Art Unit 1755				
-----				
Class	51	ABRASIVE TOOL MAKING PROCESS, MATERIAL, OR COMPOSITION	ALL	
Class	106	COMPOSITIONS: COATING OR PLASTIC	ALL	
Class	127	SUGAR, STARCH, AND CARBOHYDRATES	29	FOR 000
Class	252	COMPOSITIONS	301.16	301.6 S
			70	
			8.81	62.9P Z
Class	423	CHEMISTRY OF INORGANIC COMPOUNDS	326	334
			700	718
			DIG 21	DIG 38
			FOR 000	
Class	501	COMPOSITIONS: CERAMIC	ALL	
Class	502	CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING	100	231
			FOR 000	
Art Unit 1756				
-----				
Class	252	COMPOSITIONS	299.01	299.7
Class	430	RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF	1	137.22
			270.11	270.21
			290	299
			311	330
			332	345
			394	397
			900	904
			935	
			937	938
			942	
			945	946
			952	953
			970	FOR 000

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	1761			
-----				
Class	99	FOODS AND BEVERAGES: APPARATUS	ALL	
Class	426	FOOD OR EDIBLE MATERIAL: PROCESSES, COMPOSITIONS, AND PRODUCTS	ALL	
Art Unit	1762			
-----				
Class	208	MINERAL OILS: PROCESSES AND PRODUCTS	FOR 000	
Class	427	COATING PROCESSES	1	213
			214	FOR 104
Art Unit	1763			
-----				
Class	118	COATING APPARATUS	715	900
			FOR 000	
Class	156	ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE	345.1	345.55
			912	917
			FOR 000	
Class	216	ETCHING A SUBSTRATE: PROCESSES	ALL	
Class	252	COMPOSITIONS	FOR 000	
Class	438	SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS	FOR 100	FOR 134
Art Unit	1764			
-----				
Class	48	GAS: HEATING AND ILLUMINATING	ALL	
Class	159	CONCENTRATING EVAPORATORS	ALL	
Class	196	MINERAL OILS: APPARATUS	ALL	
Class	201	DISTILLATION: PROCESSES, THERMOLYTIC	ALL	
Class	202	DISTILLATION: APPARATUS	ALL	
Class	203	DISTILLATION: PROCESSES, SEPARATORY	1	DIG 2
Class	208	MINERAL OILS: PROCESSES AND PRODUCTS	105	119
Class	422	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING	129	185
			187	242
			311	312
			908	948

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		Class Title	Subclass Ranges	
			From	To
Art Unit 1765				
-----				
Class	117	SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR	ALL	
Class	252	COMPOSITIONS	79.1	79.5
Class	422	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING	245.1	254
Class	438	SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS	689	698
			704	757
			9	
Art Unit 1771				
-----				
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	158	160
			189	191
			196	198
			221	223
			304.4	319.9
			322.2	322.7
			343	354
			85	97
			900	921
Class	442	FABRIC (WOVEN, KNITTED, OR NONWOVEN TEXTILE OR CLOTH, ETC.)	ALL	
Art Unit 1772				
-----				
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	1.1	1.62
			119	157
			161	188
			34	84
			435	445
			691	
			98	115
Art Unit 1773				
-----				
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	323	342

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		Class Title	Subclass Ranges	
			From	To
		-----	-----	-----
Art Unit	1774			
-----	-----			
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	192	194
			199	208
			211.1	220
			292.1	301.4
			320.2	321.5
			357	401
			488.11	488.41
			690	
			FOR 118	
			FOR 120	FOR 121
			ALL	
Class	503	RECORD RECEIVER HAVING PLURAL INTERACTIVE LEAVES OR A COLORLESS COLOR FORMER, METHOD OF USE, OR DEVELOPER THEREFOR		
Art Unit	1775			
-----	-----			
Class	428	STOCK MATERIAL OR MISCELLANEOUS ARTICLES	116	118
			195.1	
			2	33
			209	210
			408	410
			426	428
			432	434
			446	
			448	450
			452	454
			469	472.3
			539.5	
			542.2	542.8
			544	689
			696	704
			923	FOR 000
			FOR 117	

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	2121			
-----				
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS	1	89
			FOR 101	FOR 103
Class	706	DATA PROCESSING: ARTIFICIAL INTELLIGENCE	ALL	
Art Unit	2122			
-----				
Class	717	DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT	100	178
Art Unit	2123			
-----				
Class	703	DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION, AND EMULATION	1	28
			FOR 488	FOR 806
Art Unit	2124			
-----				
Class	708	ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING	1	854
Art Unit	2125			
-----				
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS	145	212
			265	
			275	306
Art Unit	2126			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	90	129
			310	332
Art Unit	2127			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	1	108
Art Unit	2131			
-----				
Class	380	CRYPTOGRAPHY	1	287
			FOR 103	FOR 150
Class	713	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT	150	202
			FOR 000	FOR 125

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2133			
-----				
Class	714	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY	699	824
Art Unit	2141			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	200 223	
Art Unit	2142			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	204 248	207 250
Art Unit	2143			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	225 230	226 237
Art Unit	2151			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	FOR 100	FOR 173
Art Unit	2153			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	201	203
Art Unit	2154			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	208 224 245 251	211 247 253
Art Unit	2155			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	217 238	219 244
Art Unit	2157			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER	212	216

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2171			
-----				
Class	707	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES	1	206
Art Unit	2173			
-----				
Class	345	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS	700 961	867 978
Art Unit	2176			
-----				
Class	707	DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES	FOR 000	
Class	715	DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT	ALL	
Art Unit	2181			
-----				
Class	710	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT	100 300	125 317
Art Unit	2182			
-----				
Class	710	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT	1	74
Art Unit	2183			
-----				
Class	712	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS)	1	300
Art Unit	2184			
-----				
Class	714	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY	1 FOR 100	100 FOR 300
Art Unit	2185			
-----				
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	400	
Class	713	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT	1 300	100 601



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		Class Title	Subclass Ranges	
			From	To
Art Unit	2186			
-----				
Class	711	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY	1	221
Art Unit	2189			
-----				
Class	710	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT	200	269
Art Unit	2611			
-----				
Class	725	INTERACTIVE VIDEO DISTRIBUTION SYSTEMS	ALL	
Art Unit	2612			
-----				
Class	348	TELEVISION	207.1	376
			FOR 161	FOR 162
			FOR 184	FOR 212
Class	358	FACSIMILE AND STATIC PRESENTATION PROCESSING	901.1	909.1
			FOR 142	FOR 158
Art Unit	2613			
-----				
Class	348	TELEVISION	25	172
			384.1	440.1
			699	702
			818	835
			FOR 000	FOR 160
Art Unit	2614			
-----				
Class	348	TELEVISION	173	206
			21	24
			377	383
			441	698
			703	817
			836	914
			FOR 163	FOR 183
Art Unit	2615			
-----				
Class	386	TELEVISION SIGNAL PROCESSING FOR DYNAMIC	ALL	

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	2621			
-----				
Class	382	IMAGE ANALYSIS	100	253
			276	325
-----				
Art Unit	2622			
-----				
Class	358	FACSIMILE AND STATIC PRESENTATION PROCESSING	1.1	1.9
			296	540
			FOR 000	
			FOR 159	FOR 182
-----				
Art Unit	2624			
-----				
Class	358	FACSIMILE AND STATIC PRESENTATION PROCESSING	2.1	3.32
Class	382	IMAGE ANALYSIS	254	275
-----				
Art Unit	2631			
-----				
Class	375	PULSE OR DIGITAL COMMUNICATIONS	130	377
			FOR 100	FOR 109
-----				
Art Unit	2632			
-----				
Class	340	COMMUNICATIONS: ELECTRICAL	286.01	999
			FOR 100	
			FOR 400	FOR 404
-----				
Art Unit	2633			
-----				
Class	359	OPTICAL: SYSTEMS AND ELEMENTS	ALL	
Class	398	OPTICAL COMMUNICATIONS		
-----				
Art Unit	2635			
-----				
Class	340	COMMUNICATIONS: ELECTRICAL	2.1	14.69
			FOR 101	FOR 385
Class	341	CODED DATA GENERATION OR CONVERSION	173	192
			20	35
Class	367	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES	197	199
			81	85

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	2641			
-----				
Class	704	DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION	200	FOR 000
-----				
Art Unit	2642			
-----				
Class	379	TELEPHONIC COMMUNICATIONS	188	266.01
			267	337
			355.01	357.05
			373.01	376.02
			387.01	390.04
			392.01	
			395.01	
			399.01	399.02
			413.01	413.04
			419	917
			FOR 133	FOR 197
-----				
Art Unit	2643			
-----				
Class	348	TELEVISION	14.01	14.16
Class	379	TELEPHONIC COMMUNICATIONS	1.01	52
			266.02	266.1
			406.01	406.16
			90.01	187
Class	381	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES	150	191
			312	331
			337	433
			FOR 100	FOR 165
-----				
Art Unit	2644			
-----				
Class	379	TELEPHONIC COMMUNICATIONS	338	354
			358	372
			377	386
			391	392

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2645			
-----				
Class	379	TELEPHONIC COMMUNICATIONS	67.1	88.28
Art Unit	2651			
-----				
Class	360	DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL	1	80
Art Unit	2652			
-----				
Class	360	DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL	81	904
			FOR 202	FOR 214
Art Unit	2654			
-----				
Class	360	DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL	FOR 000	
Art Unit	2655			
-----				
Class	369	DYNAMIC INFORMATION STORAGE OR RETRIEVAL	ALL	
Art Unit	2661			
-----				
Class	370	MULTIPLEX COMMUNICATIONS	200	916
			FOR 100	FOR 197
Art Unit	2671			
-----				
Class	345	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS	418	428
			473	574
			949	960
			FOR 102	FOR 220
Art Unit	2672			
-----				
Class	345	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS	440	472.3
			581	689
			699	
			947	948
Art Unit	2673			
-----				
Class	178	TELEGRAPHY	1	109
Class	345	COMPUTER GRAPHICS PROCESSING, OPERATOR	1.1	215

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2674			
-----				
Class	178	TELEGRAPHY	110	120
			FOR 100	FOR 103
Art Unit	2675			
-----				
Class	345	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS	FOR 100	FOR 101
Art Unit	2681			
-----				
Class	379	TELEPHONIC COMMUNICATIONS	55.1	56.3
Class	455	TELECOMMUNICATIONS	ALL	
Art Unit	2721			
-----				
Class	382	IMAGE ANALYSIS	FOR 000	
Art Unit	2731			
-----				
Class	370	MULTIPLEX COMMUNICATIONS	FOR 000	
Art Unit	2734			
-----				
Class	375	PULSE OR DIGITAL COMMUNICATIONS	FOR 000	
Art Unit	2747			
-----				
Class	381	ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES	FOR 000	
Art Unit	2751			
-----				
Class	711	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY	FOR 000	
Art Unit	2762			
-----				
Class	717	DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT	FOR 000	
Art Unit	2763			
-----				
Class	703	DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION, AND EMULATION	FOR 000	
Art Unit	2766			
-----				
Class	380	CRYPTOGRAPHY	FOR 000	

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2774			
-----				
Class	178	TELEGRAPHY	FOR 000	
Art Unit	2779			
-----				
Class	345	COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS	FOR 000	
Art Unit	2782			
-----				
Class	710	ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT	FOR 000	
Art Unit	2783			
-----				
Class	712	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS)	FOR 000	
Art Unit	2785			
-----				
Class	714	ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY	FOR 000	
Art Unit	2787			
-----				
Class	708	ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING	FOR 000	
Class	709	ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING	FOR 000	
Art Unit	2811			
-----				
Class	257	ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES)	1 E21	798 E51.052
Art Unit	2812			
-----				
Class	29	METAL WORKING	25.01	25.03
Class	438	SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS	1 10 699 758 FOR 135	8 688 703 FOR 000 FOR 498

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2813			
-----				
Class	148	METAL TREATMENT	33	33.6
			DIG 1	FOR 000
Art Unit	2814			
-----				
Class	257	ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES)	900	930
			FOR 000	
Art Unit	2816			
-----				
Class	327	MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS	ALL	
Class	340	COMMUNICATIONS: ELECTRICAL	146.2	
			FOR 000	
Class	377	ELECTRICAL PULSE COUNTERS, PULSE DIVIDERS, OR SHIFT REGISTERS: CIRCUITS AND SYSTEMS	ALL	
Art Unit	2817			
-----				
Class	329	DEMODULATORS	ALL	
Class	330	AMPLIFIERS	ALL	
Class	331	OSCILLATORS	ALL	
Class	332	MODULATORS	ALL	
Class	333	WAVE TRANSMISSION LINES AND NETWORKS	ALL	
Class	334	TUNERS	ALL	
Art Unit	2818			
-----				
Class	365	STATIC INFORMATION STORAGE AND RETRIEVAL	ALL	
Art Unit	2819			
-----				
Class	326	ELECTRONIC DIGITAL LOGIC CIRCUITRY	ALL	
Class	341	CODED DATA GENERATION OR CONVERSION	1	17
			200	FOR 000
			50	172
Art Unit	2821			
-----				
Class	315	ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2825			
-----				
Class	716	DATA PROCESSING: DESIGN AND ANALYSIS OF CIRCUIT OR SEMICONDUCTOR MASK	ALL	
Art Unit	2827			
-----				
Class	361	ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES	748 760 803	751 795 804
Art Unit	2828			
-----				
Class	372	COHERENT LIGHT GENERATORS	ALL	
Art Unit	2831			
-----				
Class	174	ELECTRICITY: CONDUCTORS AND INSULATORS	1 126.1 DIG 1 271 500	124.0G C 212 DIG 33 436 541
Class	361	ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES		
Art Unit	2832			
-----				
Class	200	ELECTRICITY: CIRCUIT MAKERS AND BREAKERS	ALL	
Class	218	HIGH-VOLTAGE SWITCHES WITH ARC PREVENTING OR EXTINGUISHING DEVICES	ALL	
Class	335	ELECTRICITY: MAGNETICALLY OPERATED SWITCHES, MAGNETS, AND ELECTROMAGNETS	ALL	
Class	336	INDUCTOR DEVICES	ALL	
Class	338	ELECTRICAL RESISTORS	ALL	
Art Unit	2833			
-----				
Class	439	ELECTRICAL CONNECTORS	ALL	
Art Unit	2834			
-----				
Class	290	PRIME-MOVER DYNAMO PLANTS	ALL	
Class	310	ELECTRICAL GENERATOR OR MOTOR STRUCTURE	ALL	
Class	318	ELECTRICITY: MOTIVE POWER SYSTEMS	114 35	135 38



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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	2835			
-----				
Class	337	ELECTRICITY: ELECTROTHERMALLY OR THERMALLY ACTUATED SWITCHES	ALL	
Class	361	ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES	600	727
Art Unit	2836			
-----				
Class	307	ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS	ALL	
Class	361	ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES	1	270
			437	
			FOR 100	FOR 101
Art Unit	2837			
-----				
Class	84	MUSIC	ALL	
Class	181	ACOUSTICS	ALL	
Class	187	ELEVATOR, INDUSTRIAL LIFT TRUCK, OR STATIONARY LIFT FOR VEHICLE	247	248
			277	299
			316	317
			380	399
			901	902
Class	318	ELECTRICITY: MOTIVE POWER SYSTEMS	1	34
			136	FOR 000
			39	113
Class	388	ELECTRICITY: MOTOR CONTROL SYSTEMS	ALL	
Class	984	MUSICAL INSTRUMENTS	ALL	
Art Unit	2838			
-----				
Class	320	ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING	ALL	
Class	323	ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS	ALL	
Class	324	ELECTRICITY: MEASURING AND TESTING	426	437
Class	363	ELECTRIC POWER CONVERSION SYSTEMS	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 2841				
-----				
Class	174	ELECTRICITY: CONDUCTORS AND INSULATORS	125.1	
			250	268
			FOR 000	
Class	177	WEIGHING SCALES	ALL	
Class	361	ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES	728	747
			752	759
			796	802
			805	FOR 000
Class	368	HOROLOGY: TIME MEASURING SYSTEMS OR DEVICES	1	170
Class	968	HOROLOGY	2	DIG 1
Art Unit 2851				
-----				
Class	352	OPTICS: MOTION PICTURES	ALL	
Class	353	OPTICS: IMAGE PROJECTORS	ALL	
Class	355	PHOTOCOPYING	ALL	
Class	359	OPTICAL: SYSTEMS AND ELEMENTS	443	461
			591	598
			616	617
Class	396	PHOTOGRAPHY	ALL	
Art Unit 2852				
-----				
Class	347	INCREMENTAL PRINTING OF SYMBOLIC INFORMATION	111	170
			900	
Class	399	ELECTROPHOTOGRAPHY	ALL	
Art Unit 2853				
-----				
Class	346	RECORDERS	ALL	
Class	347	INCREMENTAL PRINTING OF SYMBOLIC INFORMATION	1	20
			48	
			53	67
			94	110
			FOR 000	

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	2854			
-----				
Class	101	PRINTING	ALL	
Class	199	TYPE CASTING	ALL	
Class	270	SHEET-MATERIAL ASSOCIATING	1.01	22.1
Class	276	TYPESETTING	ALL	
Class	400	TYPEWRITING MACHINES	ALL	
Art Unit	2855			
-----				
Class	73	MEASURING AND TESTING	11.01	12.14
			112	147
			170.01	170.34
			178 H	281
			379.01	379.09
			65.01	65.09
			700	862.69
Art Unit	2856			
-----				
Class	73	MEASURING AND TESTING	1.01	10
			148	169
			172	
			19.01	64.56
			290 B	335.14
			382 G	672
			66	105
			863	FOR 105
Art Unit	2857			
-----				
Class	702	DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING	19 FOR 100	199 FOR 173
Art Unit	2858			
-----				
Class	324	ELECTRICITY: MEASURING AND TESTING	139	143
			157	158.1
			180	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 2859				
Class	33	GEOMETRICAL INSTRUMENTS	1 A	DIG 21
			FOR 100	
			ALL	
Class	116	SIGNALS AND INDICATORS	171	FOR 000
Class	368	HOROLOGY: TIME MEASURING SYSTEMS OR DEVICES		
			ALL	
Class	374	THERMAL MEASURING AND TESTING		
			FOR 000	
Class	968	HOROLOGY		
Art Unit 2861				
Class	347	INCREMENTAL PRINTING OF SYMBOLIC INFORMATION	171	264
			21	47
			49	52
			68	93
Art Unit 2862				
Class	324	ELECTRICITY: MEASURING AND TESTING	134	138
			144	156
			160	179
			200	262
			300	372
			375	376
			67	
			800	FOR 000
Class	702	DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING	1	18
			FOR 000	
Art Unit 2871				
Class	349	LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS	ALL	
Art Unit 2872				
Class	359	OPTICAL: SYSTEMS AND ELEMENTS	1	236
			350	442
			462	590

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		Class Title	Subclass Ranges	
			From	To
Art Unit 2873				
Class	351	OPTICS: EYE EXAMINING, VISION TESTING AND CORRECTING	41	178
Class	359	OPTICAL: SYSTEMS AND ELEMENTS	237	324
			618	830
Art Unit 2874				
Class	359	OPTICAL: SYSTEMS AND ELEMENTS	325	332
Class	385	OPTICAL WAVEGUIDES	ALL	
Art Unit 2875				
Class	362	ILLUMINATION	ALL	
Art Unit 2876				
Class	235	REGISTERS	ALL	
Class	902	ELECTRONIC FUNDS TRANSFER	ALL	
Art Unit 2877				
Class	356	OPTICS: MEASURING AND TESTING	140	
			142	151
			153	900
			2	3
			30	139
			4.09	4.1
			6	27
			FOR 100	FOR 142
Art Unit 2878				
Class	250	RADIANT ENERGY	200	239
			252.1	271
			301	
			308	
			328	395
			458.1	488.1
			522.1	DIG 2

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	2879			
-----				
Class	313	ELECTRIC LAMP AND DISCHARGE DEVICES	ALL	
Class	314	ELECTRIC LAMP AND DISCHARGE DEVICES: CONSUMABLE ELECTRODES	ALL	
Class	445	ELECTRIC LAMP OR SPACE DISCHARGE COMPONENT OR DEVICE MANUFACTURING	ALL	
Art Unit	2881			
-----				
Class	250	RADIANT ENERGY	250	251
			281	300
			302	307
			309	326
			396 R	455.11
			489	519.1
			FOR 000	
Art Unit	2882			
-----				
Class	378	X-RAY OR GAMMA RAY SYSTEMS OR DEVICES	ALL	
Art Unit	2911			
-----				
Class	D 1	EDIBLE PRODUCTS	ALL	
Class	D 4	BRUSHWARE	ALL	
Class	D 6	FURNISHINGS	354	
			512	574
Class	D 8	TOOLS AND HARDWARE	2	13
			330	349
			354	381
			DIG 1	DIG 10
Class	D10	MEASURING, TESTING, OR SIGNALLING INSTRUMENTS	104	121
Class	D12	TRANSPORTATION	16.1	
			163	166
			168	170
			173	180
			182	

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		Class Title	Subclass Ranges				
			From	To			
Art Unit	2912	-----	-----	-----			
Class	D 2	APPAREL AND HABERDASHERY	500	643			
			865	895			
			971	999			
Class	D 3	TRAVEL GOODS AND PERSONAL BELONGINGS	201	204			
			216	217			
			269	302			
			318	329			
			315	328			
Class	D 6	FURNISHINGS	300.2				
Class	D 7	EQUIPMENT FOR PREPARING OR SERVING FOOD OR DRINK NOT ELSEWHERE SPECIFIED	401.1				
			502				
			504				
			508				
			589	641			
			665	697			
			700	710			
			14				
			Class	D 8	TOOLS AND HARDWARE	21	29
						300	302
305	329						
31	32						
350	353						
382	499						
44	50						
75	101						
Class	D 9	PACKAGES AND CONTAINERS FOR GOODS				341	433
						500	575
Class	D10	MEASURING, TESTING, OR SIGNALLING INSTRUMENTS	46.1	46.3			
Class	D11	JEWELRY, SYMBOLIC INSIGNIA, AND ORNAMENTS	117	142			
			157	164			

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		Class Title	Subclass Ranges	
			From	To
Art Unit	2913			
Class	D 3	TRAVEL GOODS AND PERSONAL BELONGINGS	304	314
Class	D 5	TEXTILE OR PAPER YARD GOODS; SHEET MATERIAL	ALL	
Class	D 6	FURNISHINGS	300	314
			329	339
			345	353
			360	511
			575	635
Class	D 7	EQUIPMENT FOR PREPARING OR SERVING FOOD OR DRINK NOT ELSEWHERE SPECIFIED	213	300.1
			301	322
			325	330
			352	361
			376	401
			401.2	
			409	501
			503	
			505	507
			509	588
			642	664
			698	699
			900	901
Class	D 8	TOOLS AND HARDWARE	1	
			102	107
			14.1	20
			29.1	30
			303	
			33	43
			51	74
Class	D 9	PACKAGES AND CONTAINERS FOR GOODS	300	340
			434	499
Class	D10	MEASURING, TESTING, OR SIGNALLING INSTRUMENTS	1	46



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Art Unit		Class Title	Subclass Ranges	
-----		-----	From	To
Art Unit	2914			
-----	-----			
Class	D 2	APPAREL AND HABERDASHERY	700	864
			896	970
Class	D 3	TRAVEL GOODS AND PERSONAL BELONGINGS	1	200
			205	215
			218	268
			303	
			315	317
			900	905
Class	D 6	FURNISHINGS	340	344
			355	359
Class	D 7	EQUIPMENT FOR PREPARING OR SERVING FOOD OR DRINK NOT ELSEWHERE SPECIFIED	323	324
			331	351
			362	375
			402	408
Class	D11	JEWELRY, SYMBOLIC INSIGNIA, AND ORNAMENTS	1	116
			200	241
Class	D12	TRANSPORTATION	159	162
			167	
			171	172
			181	
			183	
			187	195
			197	203
			217	
			219	220
			222	
			400	401
			403	405
Class	D15	MACHINES NOT ELSEWHERE SPECIFIED	6	9.3
			14	35
Class	D18	PRINTING AND OFFICE MACHINERY	50	54

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3611				
-----				
Class	40	CARD, PICTURE, OR SIGN EXHIBITING	ALL	
Class	180	MOTOR VEHICLES	116	164
			182	207
			218	231
			233	267
			36	40
			400	908
			6.2	19.3
Class	280	LAND VEHICLES	1	1.5
			11.201	11.233
			14.21	14.28
			200	515
			28.5	32.7
			3	5.524
			7	
			827	839
			900	DIG 14
			FOR 100	FOR 197
Art Unit 3612				
-----				
Class	293	VEHICLE FENDERS	ALL	
Class	296	LAND VEHICLES: BODIES AND TOPS	ALL	
Class	298	LAND VEHICLES: DUMPING	ALL	
Class	410	FREIGHT ACCOMMODATION ON FREIGHT CARRIER	ALL	
Art Unit 3616				
-----				
Class	180	MOTOR VEHICLES	20	24.13
			208	217
			232	
			268	290
			311	385
			41	53.8

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3617				
Class	104	RAILWAYS	ALL	
Class	105	RAILWAY ROLLING STOCK	ALL	
Class	114	SHIPS	242	382
			26	234
Class	152	RESILIENT TIRES AND WHEELS	1	112
			170	191
			213 A	299
			323	329
			375	431
			DIG 13	
			DIG 17	
			DIG 20	FOR 000
			DIG 7	DIG 11
Class	191	ELECTRICITY: TRANSMISSION TO VEHICLES	ALL	
Class	213	RAILWAY DRAFT APPLIANCES	ALL	
Class	238	RAILWAYS: SURFACE TRACK	ALL	
Class	246	RAILWAY SWITCHES AND SIGNALS	ALL	
Class	258	RAILWAY MAIL DELIVERY	ALL	
Class	278	LAND VEHICLES: ANIMAL DRAFT APPLIANCES	ALL	
Class	291	TRACK SANDERS	ALL	
Class	295	RAILWAY WHEELS AND AXLES	ALL	
Class	301	LAND VEHICLES: WHEELS AND AXLES	ALL	
Class	305	WHEEL SUBSTITUTES FOR LAND VEHICLES	ALL	
Class	440	MARINE PROPULSION	ALL	
Class	441	BUOYS, RAFTS, AND AQUATIC DEVICES	ALL	
Art Unit 3618				
Class	180	MOTOR VEHICLES	165	181
			2.1	2.2
			291	310
			54.1	69.6

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		Class Title	Subclass Ranges	
			From	To
Art Unit	3619			
-----				
Class	280	LAND VEHICLES	FOR 000	
Art Unit	3621			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	50 FOR 000	80 FOR 124
Art Unit	3622			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	14	
Art Unit	3623			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	7	13
Art Unit	3624			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	35	45
Art Unit	3625			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	26	27
Art Unit	3626			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	2	4
Art Unit	3627			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	15 28	25 34
Art Unit	3629			
-----				
Class	705	DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION	1 400 5	500 6

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		Class Title	Subclass Ranges	
			From	To
Art Unit	3632			
-----				
Class	248	SUPPORTS	ALL	
Art Unit	3633			
-----				
Class	5	BEDS	901	
			911	
Art Unit	3634			
-----				
Class	49	MOVABLE OR REMOVABLE CLOSURES	ALL	
Class	160	FLEXIBLE OR PORTABLE CLOSURE, PARTITION, OR PANEL	ALL	
Class	182	FIRE ESCAPE, LADDER, OR SCAFFOLD	ALL	
Class	211	SUPPORTS: RACKS	ALL	
Art Unit	3635			
-----				
Class	52	STATIC STRUCTURES (E.G., BUILDINGS)	215	FOR 000
Class	249	STATIC MOLDS	16	51
Art Unit	3636			
-----				
Class	297	CHAIRS AND SEATS	ALL	
Art Unit	3637			
-----				
Class	52	STATIC STRUCTURES (E.G., BUILDINGS)	1	214
Class	108	HORIZONTALLY SUPPORTED PLANAR SURFACES	ALL	
Class	135	TENT, CANOPY, UMBRELLA, OR CANE	ALL	
Class	312	SUPPORTS: CABINET STRUCTURE	ALL	
Art Unit	3641			
-----				
Class	33	GEOMETRICAL INSTRUMENTS	FOR 000	
Class	42	FIREARMS	ALL	
Class	86	AMMUNITION AND EXPLOSIVE-CHARGE MAKING	ALL	
Class	89	ORDNANCE	ALL	
Class	102	AMMUNITION AND EXPLOSIVES	ALL	
Class	114	SHIPS	1	25
			238	241

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	3643			
-----				
Class	43	FISHING, TRAPPING, AND VERMIN DESTROYING	ALL	
Class	47	PLANT HUSBANDRY	ALL	
Class	54	HARNESS	ALL	
Class	119	ANIMAL HUSBANDRY	ALL	
Class	168	FARRIERY	ALL	
Class	231	WHIPS AND WHIP APPARATUS	ALL	
Class	449	BEE CULTURE	ALL	
Class	452	BUTCHERING	ALL	
-----				
Art Unit	3644			
-----				
Class	244	AERONAUTICS	1 A	3
			3.23	FOR 000
-----				
Art Unit	3651			
-----				
Class	193	CONVEYORS, CHUTES, SKIDS, GUIDES, AND WAYS	ALL	
Class	198	CONVEYORS: POWER-DRIVEN	ALL	
Class	270	SHEET-MATERIAL ASSOCIATING	30.01	FOR 000
Class	406	CONVEYORS: FLUID CURRENT	ALL	
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS	213	230
-----				
Art Unit	3652			
-----				
Class	187	ELEVATOR, INDUSTRIAL LIFT TRUCK, OR STATIONARY LIFT FOR VEHICLE	200	246
			249	276
			300	315
			318	379
			400	900
			FOR 000	
Class	212	TRAVERSING HOISTS	ALL	
Class	294	HANDLING: HAND AND HOIST-LINE IMPLEMENTS	ALL	
Class	414	MATERIAL OR ARTICLE HANDLING	ALL	
Class	901	ROBOTS	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3653				
Class	186	MERCHANDISING	ALL	
Class	194	CHECK-ACTUATED CONTROL MECHANISMS	ALL	
Class	209	CLASSIFYING, SEPARATING, AND ASSORTING SOLIDS	1	161
			171	FOR 000
Class	221	ARTICLE DISPENSING	ALL	
Class	242	WINDING, TENSIONING, OR GUIDING	FOR 136	FOR 197
Class	254	IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE	DIG 11	DIG 15
Class	271	SHEET FEEDING OR DELIVERING	ALL	
Class	453	COIN HANDLING	ALL	
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS	231	244
Art Unit 3654				
Class	226	ADVANCING MATERIAL OF INDETERMINATE LENGTH	ALL	
Class	242	WINDING, TENSIONING, OR GUIDING	118	FOR 135
Class	254	IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE	199	417
			900	903
Art Unit 3661				
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS	245	264
			900	
Class	701	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION	1	100
			116	FOR 000
Art Unit 3662				
Class	244	AERONAUTICS	3.1	3.22
Class	342	COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES (E.G., RADAR, RADIO NAVIGATION)	ALL	
Class	356	OPTICS: MEASURING AND TESTING	139.01	139.1
			141.1	141.5
			152.1	152.3
			28	29

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		Class Title	Subclass Ranges	
			From	To
Art Unit	3663	-----	-----	-----
Class	359	OPTICAL: SYSTEMS AND ELEMENTS	333	349
Class	367	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES	14	80
			86	
			9	
			911	912
Art Unit	3671	-----		
Class	14	BRIDGES	ALL	
Class	37	EXCAVATING	ALL	
Class	56	HARVESTERS	ALL	
Class	111	PLANTING	ALL	
Class	171	UNEARTHING PLANTS OR BURIED OBJECTS	ALL	
Class	172	EARTH WORKING	ALL	
Class	404	ROAD STRUCTURE, PROCESS, OR APPARATUS	ALL	
Class	460	CROP THRESHING OR SEPARATING	ALL	
Art Unit	3672	-----		
Class	166	WELLS	ALL	
Class	175	BORING OR PENETRATING THE EARTH	ALL	
Class	588	HAZARDOUS OR TOXIC WASTE DESTRUCTION OR CONTAINMENT	FOR 000	
Art Unit	3673	-----		
Class	5	BEDS	1	900
			902	910
			913	FOR 000
Class	249	STATIC MOLDS	1	15
			188	196
			207	219.2
			FOR 000	
Class	299	MINING OR IN SITU DISINTEGRATION OF HARD MATERIAL	ALL	
Class	405	HYDRAULIC AND EARTH ENGINEERING	ALL	



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		Class Title	Subclass Ranges	
			From	To
Art Unit 3676				
Class	16	MISCELLANEOUS HARDWARE	ALL	
Class	70	LOCKS	ALL	
Class	109	SAFES, BANK PROTECTION, OR A RELATED DEVICE	ALL	
Class	277	SEAL FOR A JOINT OR JUNCTURE	ALL	
Art Unit 3677				
Class	24	BUCKLES, BUTTONS, CLASPS, ETC.	1	20
Class	27	UNDERTAKING	26	DIG 1
Class	63	JEWELRY	ALL	
Class	232	DEPOSIT AND COLLECTION RECEPTACLES	ALL	
Class	292	CLOSURE FASTENERS	ALL	
Art Unit 3679				
Class	256	FENCES	ALL	
Class	285	PIPE JOINTS OR COUPLINGS	ALL	
Class	403	JOINTS AND CONNECTIONS	ALL	
Class	411	EXPANDED, THREADED, DRIVEN, HEADED, TOOL-DEFORMED, OR LOCKED-THREADED FASTENER	ALL	
Class	464	ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS	ALL	
Art Unit 3681				
Class	74	MACHINE ELEMENT OR MECHANISM	318	379
Class	192	CLUTCHES AND POWER-STOP CONTROL	640	810.2
Class	475	PLANETARY GEAR TRANSMISSION SYSTEMS OR COMPONENTS	ALL	
Class	477	INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL	ALL	
Art Unit 3682				
Class	74	MACHINE ELEMENT OR MECHANISM	1 R	216.3
			380	625

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3683				
-----				
Class	188	BRAKES	ALL	
Class	267	SPRING DEVICES	ALL	
Class	303	FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS	ALL	
Art Unit 3711				
-----				
Class	273	AMUSEMENT DEVICES: GAMES	ALL	
Class	463	AMUSEMENT DEVICES: GAMES	47.1	47.7
			58	69
Class	473	GAMES USING TANGIBLE PROJECTILE	ALL	
Art Unit 3712				
-----				
Class	124	MECHANICAL GUNS AND PROJECTORS	1	
			4	53.5
			78	FOR 000
Class	446	AMUSEMENT DEVICES: TOYS	ALL	
Class	472	AMUSEMENT DEVICES	ALL	
Art Unit 3713				
-----				
Class	434	EDUCATION AND DEMONSTRATION	ALL	
Class	463	AMUSEMENT DEVICES: GAMES	1	47
			48	57
			FOR 000	
Class	700	DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS	FOR 000	
			FOR 104	FOR 106
Art Unit 3721				
-----				
Class	53	PACKAGE MAKING	ALL	
Class	173	TOOL DRIVING OR IMPACTING	ALL	
Class	227	ELONGATED-MEMBER-DRIVING APPARATUS	ALL	
Class	493	MANUFACTURING CONTAINER OR TUBE FROM PAPER; OR OTHER MANUFACTURING FROM A SHEET OR WEB	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3722				
Class	29	METAL WORKING	26 A	65
			560	566.4
			650	
Class	82	TURNING	ALL	
Class	142	WOOD TURNING	ALL	
Class	279	CHUCKS OR SOCKETS	ALL	
Class	281	BOOKS, STRIPS, AND LEAVES	ALL	
Class	283	PRINTED MATTER	ALL	
Class	402	BINDER DEVICE RELEASABLY ENGAGING APERTURE OR NOTCH OF SHEET	ALL	
Class	407	CUTTERS, FOR SHAPING	ALL	
Class	408	CUTTING BY USE OF ROTATING AXIALLY MOVING TOOL	ALL	
Class	409	GEAR CUTTING, MILLING, OR PLANING	ALL	
Class	412	BOOKBINDING: PROCESS AND APPARATUS	ALL	
Class	462	BOOKS, STRIPS, AND LEAVES FOR MANIFOLDING	ALL	
Class	483	TOOL CHANGING	ALL	
Art Unit 3723				
Class	7	COMPOUND TOOLS	ALL	
Class	29	METAL WORKING	213.1	243.517
			243.53	283.5
Class	81	TOOLS	ALL	
Class	125	STONE WORKING	ALL	
Class	157	WHEELWRIGHT MACHINES	ALL	
Class	254	IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE	1	134.7
			418	427
			DIG 1	DIG 10
			DIG 16	FOR 000
Class	269	WORK HOLDERS	ALL	
Class	451	ABRADING	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3724				
Class	30	CUTLERY	ALL	
Class	76	METAL TOOLS AND IMPLEMENTS, MAKING	ALL	
Class	83	CUTTING	ALL	
Class	225	SEVERING BY TEARING OR BREAKING	ALL	
Class	234	SELECTIVE CUTTING (E.G., PUNCHING)	ALL	
Art Unit 3725				
Class	29	METAL WORKING	243.518	243.529
Class	59	CHAIN, STAPLE, AND HORSESHOE MAKING	ALL	
Class	72	METAL DEFORMING	ALL	
Class	79	BUTTON MAKING	ALL	
Class	100	PRESSES	ALL	
Class	140	WIREWOKING	ALL	
Class	144	WOODWORKING	ALL	
Class	147	COOPERING	ALL	
Class	163	NEEDLE AND PIN MAKING	ALL	
Class	241	SOLID MATERIAL COMMUNITION OR DISINTEGRATION	ALL	
Class	413	SHEET METAL CONTAINER MAKING	ALL	
Class	470	THREADED, HEADED FASTENER, OR WASHER MAKING: PROCESS AND APPARATUS	ALL	
Art Unit 3726				
Class	29	METAL WORKING	2.1	25
			284	559
			592	
			700	728
			76.1	91.8
			765	824
			888	890
			890.02	DIG 105
Class	492	ROLL OR ROLLER	ALL	

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3727				
Class	150	PURSES, WALLETS, AND PROTECTIVE COVERS	ALL	
Class	190	TRUNKS AND HAND-CARRIED LUGGAGE	ALL	
Class	206	SPECIAL RECEPTACLE OR PACKAGE	278	299
			315.2	315.8
			501	520
			521.15	
			8	11
Class	215	BOTTLES AND JARS	ALL	
Class	217	WOODEN RECEPTACLES	ALL	
Class	220	RECEPTACLES	ALL	
Class	224	PACKAGE AND ARTICLE CARRIERS	ALL	
Class	229	ENVELOPES, WRAPPERS, AND PAPERBOARD BOXES	ALL	
Class	383	FLEXIBLE BAGS	ALL	
Art Unit 3728				
Class	12	BOOT AND SHOE MAKING	ALL	
Class	36	BOOTS, SHOES, AND LEGGINGS	ALL	
Class	206	SPECIAL RECEPTACLE OR PACKAGE	.5	6.1
			14	277
			300	315.11
			315.9	500
			521	521.1
			521.2	FOR 000
Art Unit 3729				
Class	29	METAL WORKING	25.35	25.42
			592.1	623
			729	
			732	764
			825	887
			890.01	

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	3731			
-----				
Class	606	SURGERY	106	236
Class	623	PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR	1.11	1.22
-----				
Art Unit	3732			
-----				
Class	132	TOILET	ALL	
Class	433	DENTISTRY	ALL	
Class	600	SURGERY	201	249
Class	606	SURGERY	53	105.5
-----				
Art Unit	3736			
-----				
Class	128	SURGERY	897	
			899	
Class	600	SURGERY	1	15
			19	41
			300	387
			398	406
			481	507
			529	595
-----				
Art Unit	3737			
-----				
Class	128	SURGERY	915	916
			920	925
Class	351	OPTICS: EYE EXAMINING, VISION TESTING AND CORRECTING	200	FOR 000
Class	600	SURGERY	407	480
Class	601	SURGERY: KINESITHERAPY	2	4
-----				
Art Unit	3738			
-----				
Class	128	SURGERY	898	
Class	623	PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR	1.1	
			1.23	FOR 119

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		Class Title	Subclass Ranges	
			From	To
Art Unit 3739				
-----				
Class	600	SURGERY	101	200
			388	397
			920	FOR 000
Class	606	SURGERY	1	52
Class	607	SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION	96	114
Art Unit 3742				
-----				
Class	219	ELECTRIC HEATING	121.36	121.59
			200	FOR 000
Class	373	INDUSTRIAL ELECTRIC HEATING FURNACES	ALL	
Class	392	ELECTRIC RESISTANCE HEATING DEVICES	ALL	
Art Unit 3743				
-----				
Class	126	STOVES AND FURNACES	ALL	
Class	165	HEAT EXCHANGE	ALL	
Class	431	COMBUSTION	ALL	
Art Unit 3744				
-----				
Class	62	REFRIGERATION	ALL	
Class	236	AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION	ALL	
Art Unit 3745				
-----				
Class	60	POWER PLANTS	325	494
			532	594
Class	91	MOTORS: EXPANSIBLE CHAMBER TYPE	1	471
			508	DIG 4
Class	92	EXPANSIBLE CHAMBER DEVICES	ALL	
Class	415	ROTARY KINETIC FLUID MOTORS OR PUMPS	ALL	
Class	416	FLUID REACTION SURFACES (I.E., IMPELLERS)	ALL	
Art Unit 3746				
-----				
Class	60	POWER PLANTS	39.01	269

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	3747			
-----				
Class	123	INTERNAL-COMBUSTION ENGINES	1 A	3
			142.5 E	198.0D C
			19	42
			250	558
			46 A	89
			567	DIG 13
			FOR 100	FOR 128
Class	701	DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION	101	115
-----				
Art Unit	3748			
-----				
Class	60	POWER PLANTS	272	324
			495	531
			595	721
			FOR 000	
Class	123	INTERNAL-COMBUSTION ENGINES	18 A	18 R
			200	249
			43 A	45 R
			559.1	566
			90.1	90.67
			FOR 000	
Class	418	ROTARY EXPANSIBLE CHAMBER DEVICES	1	163
			165	FOR 000
-----				
Art Unit	3749			
-----				
Class	34	DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS	ALL	
Class	110	FURNACES	ALL	
Class	122	LIQUID HEATERS AND VAPORIZERS	ALL	
Class	237	HEATING SYSTEMS	ALL	
Class	432	HEATING	ALL	
Class	454	VENTILATION	ALL	



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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	3751			
-----				
Class	4	BATHS, CLOSETS, SINKS, AND SPITTOONS	ALL	
Class	141	FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER COACTING MEANS	ALL	
Class	401	COATING IMPLEMENTS WITH MATERIAL SUPPLY	ALL	
Art Unit	3752			
-----				
Class	138	PIPES AND TUBULAR CONDUITS	26	DIG 11
Class	169	FIRE EXTINGUISHERS	ALL	
Class	239	FLUID SPRINKLING, SPRAYING, AND DIFFUSING	1	127
			128	265
			266	FOR 000
Art Unit	3753			
-----				
Class	137	FLUID HANDLING	ALL	
Class	138	PIPES AND TUBULAR CONDUITS	FOR 000	
Class	251	VALVES AND VALVE ACTUATION	FOR 000	
Art Unit	3754			
-----				
Class	222	DISPENSING	1	589
			608	628
			630	FOR 000
Class	251	VALVES AND VALVE ACTUATION	1.1	905
Art Unit	3761			
-----				
Class	27	UNDERTAKING	21.1	25.1
			FOR 000	
Class	128	SURGERY	200.11	207.29
			910	914
			DIG 26	
Class	602	SURGERY: SPLINT, BRACE, OR BANDAGE	41	59
Class	604	SURGERY	1	3
			11	18
			289	402

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		Class Title	Subclass Ranges	
			From	To
-----				
Art Unit	3762			
-----				
Class	422	CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING	44	48
Class	600	SURGERY	16	18
Class	604	SURGERY	508	528
Class	604	SURGERY	4.01	10
Class	607	SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION	403	416
			1	95
			115	FOR 000
-----				
Art Unit	3763			
-----				
Class	604	SURGERY	19	288.04
			500	539
			890.1	903
			905	FOR 000
-----				
Art Unit	3764			
-----				
Class	128	SURGERY	830	894
			900	909
			917	919
			95.1	126.1
			DIG 1	DIG 25
			DIG 27	FOR 000
			ALL	
Class	482	EXERCISE DEVICES	1	
Class	601	SURGERY: KINESITHERAPY	5	FOR 000
Class	602	SURGERY: SPLINT, BRACE, OR BANDAGE	1	40
			60	FOR 000
Class	606	SURGERY	237	FOR 000
-----				
Art Unit	3765			
-----				
Class	2	APPAREL	ALL	
Class	19	TEXTILES: FIBER PREPARATION	ALL	

