mbia Cla	ogg 514 ig gengidered to be an	3.4	Candida (e.g., Candida albicans, etc.)
This Class 514 is considered to be an		3.5	
integral part of Class 424 (see the Class			Yeast
424 schedule for the position of this Class in schedule hierarchy). This Class		3.6	Cyclopeptide utilizing
	all pertinent definitions and	3.7	Virus destroying or inhibiting
	ines of Class 424.	3.8	Human immunodeficiency virus (HIV)
		3.9	<pre>Cluster of differentiation protein (e.g., CD4, etc.) affecting</pre>
1	DESIGNATED ORGANIC ACTIVE INGREDIENT CONTAINING (DOAI)	4.1	HIV protease inhibitor affecting or utilizing
1.1	.Peptide (e.g., protein, etc.)	4.2	Herpesviridae
т•т	containing DOAI	4.3	Hepatitis
1.2	Transporter affecting or	4.4	Protozoa destroying or
1.2	utilizing		inhibiting
1.3	Prodrug utilizing	4.5	Insect destroying or inhibiting
1.4	Sepsis affecting	4.6	Parasite (e.g., tapeworm,
1.5	<pre>Respiratory distress syndrome (e.g., ARDS, IRDS, etc.)</pre>		roundworm, nematode, etc.) destroying or inhibiting
	affecting	4.7	Lactation affecting
1.6	Pneumonia affecting	4.8	Weight regulation affecting
1.7	Asthma affecting	4.9	Appetite or satiation
1.8	Cystic fibrosis affecting		affecting
1.9	Arteriosclerosis (e.g.,	5.1	Growth hormone (GH) or
	atherosclerosis, etc.)		derivative utilizing
	affecting	5.2	Neuropeptide (e.g., NPY, PYY,
2.1	<pre>Endotoxin (e.g., LPS, etc.) affecting</pre>		dynorphin, etc.) or derivative utilizing
2.2	Bactericidal/permeability-	5.3	Peptide hormone or derivative
	increasing (BPI) protein		utilizing
	affecting or utilizing	5.4	Iron affecting
2.3	Micro-organism destroying or	5.5	Nutrition enhancement or
2.4	inhibiting	5.6	supportContaining whey
2.4	Bacterium (e.g., Bacillus,	5.7	Containing whey
2.5	etc.) destroying or inhibitingLactoferrin		_
2.6		5.8	Leptin or derivative affecting or utilizing
	Streptococcus	5.9	Insulin or derivative utilizing
2.7	Staphylococcus (e.g.,	6.1	3
2 0	Staphylococcus aureus, etc.)		Truncated insulin
2.8	Gram negative bacterium	6.2	A-chain modified insulin
	(e.g., Escherichia coli,	6.3	B-chain modified insulin
	salmonella, Helicobacter,	6.4	Zinc containing
2 0	etc.)	6.5	With an additional active
2.9	Cyclopeptide utilizing		ingredient
3.1	Glycopeptide utilizing	6.6	With protamine
3.2	Amphiphilic or oligomer	6.7	Insulin affecting
	modified peptide (e.g.,	6.8	Blood sugar affecting
	magainin, peptide nucleic	6.9	Diabetes
	<pre>acid, or PEGylated peptide, etc.) utilizing</pre>	7.1	Somatostatin or derivative affecting or utilizing
3.3	<pre>Fungus (e.g., athlete's foot, ringworm, etc.) destroying or inhibiting</pre>		

7.2	Glucagon, glucagon-like peptide (e.g., GLP-1, etc.) or	10.1	Luteinizing hormone (LH) or derivative
	derivative affecting or utilizing	10.2	<pre>Androgen (e.g., testosterone, etc.) or estrogen affecting</pre>
7.3	Type I diabetes	10.3	Gonadotropin-releasing
7.4	Lipid or cholesterol affecting		hormone (GnRH) or derivative
	(e.g., dyslipidemia, etc.)	10.4	Cetrorelix, leuprolide, or
7.5	Protein tyrosine kinase (PTK)		deslorelin utilizing
	affecting	10.5	Ovulation affecting
7.6	Growth factor or derivative	10.6	Synthetic gonadotropin-
	affecting or utilizing		releasing hormone antagonist
7.7	Erythropoietin (EPO) or	10.7	Melanocortin (e.g.,
	derivative		Melanocyte-stimulating hormone
7.8	Thrombopoietin (TPO) or		(MSH), etc.) or derivative
	derivative	10.8	Corticotropin or derivative
7.9	Hematopoiesis affecting	10.9	Vasopressin or derivative
8.1	Vascular endothelial growth	11.1	Somatostatin or derivative
	factor (e.g., VEGF-A, VEGF-B,	11.2	\dots Growth-hormone-releasing
	etc.) or derivative		hormone (GHRH) or derivative
8.2	Platelet-derived growth factor	11.3	Growth hormone (GH) or
	(PDGF) or derivative		derivative
8.3	Nerve tissue or nerve cell	11.4	Human growth hormone (hGH) or
0 4	growth affecting	44 -	derivative
8.4	Nerve growth factor (NGF) or	11.5	Prolactin or derivative
8.5	derivative	11.6	Oxytocin or derivative
0.5	Insulin-like growth factor (IGF) or derivative	11.7	Glucagon, glucagon-like
8.6	Insulin-like growth factor 1		peptide (e.g., GLP-1, GLP-2,
0.0	(IGF-1) or derivative	11.8	etc.) or derivative
8.7	Insulin-like growth factor	11.0	Parathyroid hormone (PTH) or derivative
0.7	binding protein (IGFBP) or	11.9	Calcitonin or derivative
	derivative	12.1	Muscle contraction affecting
8.8	Bone morphogenic protein (BMP)	12.1	(e.g., muscle twitch, muscle
	or derivative		relaxation, etc.)
8.9	Transforming growth factor	12.2	Anti-inflammatory
	(TGF) or derivative	12.3	Gastrin hormone or derivative
9.1	Fibroblast growth factor (FGF)	12.4	Natriuretic peptide or
	or derivative		derivative (e.g., atrial
9.2	Keratinocyte growth factor		natriuretic peptide, brain
	(KGF) or derivative		natriuretic peptide, etc.)
9.3	Fibronectin or derivative	12.5	Bradykinin or derivative
9.4	Wound healing or wound repair	12.6	Cholecystokinin (CCK) or
	affecting		derivative
9.5	Hepatocyte growth factor (HGF)	12.7	Relaxin or derivative
	or derivative	12.8	Secretin or derivative
9.6	Epidermal growth factor (EGF)	12.9	Thymosin (e.g., thymosin
	or epidermal growth factor-		(alpha 1, thymosin beta 4,
	like or derivative		etc.) or derivative
9.7	Hormone or derivative affecting	13.1	Vasoactive intestinal peptide
0 0	or utilizing		(VIP) or derivative
9.8	Fertility	13.2	Digestive tract ulcer affecting
9.9	Follicle-stimulating hormone	13.3	Angiogenesis affecting
	(FSH) or derivative	13.4	Blood substitute

13.5	Blood affecting or blood protein utilizing	17.5	<pre>Mental disorder or mental illness (e.g., psychoses,</pre>
13.6	Fibrin or derivative affecting		etc.) affecting
	or utilizing	17.6	Anti-depressant or derivative
13.7	Coagulation affecting		affecting or utilizing
13.8	Platelet aggregation or	17.7	Nervous system (e.g., central
	adhesion affecting		nervous system (CNS), etc.)
13.9	Glycoprotein IIb/IIIa		affecting
	affecting	17.8	Alzheimer's disease
14.1	Factor VIII or derivative	17.9	Multiple sclerosis
	affecting or utilizing	18.1	Neurotransmitter or derivative
14.2	Plasma protease affecting	100	affecting or utilizing
14.3	Factor VIIa affecting	18.2	Neuropathy affecting
14.4	Factor Xa affecting	18.3	Pain affecting
14.5	Tissue factor pathway	18.4	Opioid receptor affecting
	inhibitor (TFPI) utilizing	18.5	Enkephalin or derivative
14.6	Urokinase affecting	10 6	affecting or utilizing
14.7	Thrombin affecting	18.6	Skin affecting
14.8	Hirudin or derivative	18.7 18.8	Anti-inflammatory
14 0	utilizing	18.9	Cosmetic enhancement or care
14.9 15.1	Thrombosis affecting	19.1	Apoptosis affectingCellular adhesion affecting or
15.1	Oxidative stress affectingAlbumin or derivative	19.1	cell adhesion molecule (CAM)
13.2	affecting or utilizing		affecting or utilizing
15.3	Plasma protein affecting or	19.2	Neoplastic condition affecting
13.3	utilizing	19.3	Cancer
15.4	Kidney affecting	19.4	Breast
15.5	Surfactant protein (e.g., SP-A,	19.5	Prostate
13.3	SP-B, etc.) or derivative	19.6	Leukemia
	affecting or utilizing	19.7	Bombesin or derivative
15.6	Blood pressure affecting		affecting or utilizing
15.7	Hypertension	19.8	Metastasis affecting
15.8	Renin inhibitor affecting or	19.9	Cyclopeptide utilizing
	utilizing	20.1	Protease inhibitor affecting or
15.9	Dipeptide renin inhibitor		utilizing
16.1	Endothelin (e.g., ET-2, ET-3,	20.2	Cysteine protease inhibitor
	etc.) or derivative affecting		affecting or utilizing
	or utilizing	20.3	Serine protease inhibitor
16.2	Angiotensin converting enzyme		affecting or utilizing
	(ACE) affecting	20.4	Elastase inhibitor affecting
16.3	Angiotensin converting enzyme		or utilizing
	(ACE) affecting	20.5	Cyclosporine or derivative
16.4	Cardiac disease (i.e., heart		utilizing
46 5	disease) affecting	20.6	G-protein coupled receptor
16.5	Tissue development affecting	00 7	(GPCR) affecting
16.6	Rheumatoid arthritis affecting	20.7	Hair affecting
16.7	Bone affecting	20.8	Eye affecting
16.8	Osteoarthritis	20.9	Glycopeptide utilizing
16.9 17.1	Osteoporosis	21.1 21.2	Cyclopeptide utilizing
17.1	Cartilage affecting	21.2	100 or more amino acid residues
⊥ / • ∠	Collagen or derivative affecting or utilizing	21.3	in the peptide chain25 to 99 amino acid residues in
17.3	N-methyl-d-aspartate (NMDA)	41.7	the peptide chain
±1.J	receptor affecting	21.4	16 to 24 amino acid residues in
17.4	Ion channel protein affecting		the peptide chain
エ / • エ	on channel process arrecting		one poporae charm

21.5	12 to 15 amino acid residues in the peptide chain	36	Two or more nitrogen atoms bonded directly to the
21.6	9 to 11 amino acid residues in		cyclohexyl ring
	the peptide chain	37	\ldots .The nitrogen atoms are in N-
21.7	7 or 8 amino acid residues in the peptide chain		<pre>C(=N)-N groups (e.g., streptomycin, etc.)</pre>
21.8	5 or 6 amino acid residues in	38	Two saccharide radicals
	the peptide chain		bonded through only oxygen to
21.9	3 or 4 amino acid residues in		adjacent ring carbons of the
	the peptide chain		cyclohexyl ring
21.91	2 amino acid residues in the	39	Three or more saccharide
	peptide chain		radicals (e.g., neomycin,
21.92	Produced by or extracted from		etc.)
	animal tissue	40	Two saccharide radicals
22	.Lignin or derivative DOAI		bonded through only oxygen to
23	.Carbohydrate (i.e., saccharide		4- and $6-$ positions of the
	radical containing) DOAI		cyclohexyl ring
24	S-glycoside	41	Kanamycin or derivative
25	O-glycoside	42	N-glycoside
26	Cyclopentanohydrophenanthrene	43	Nitrogen containing hetero
	ring system		ring
27	Oxygen of the saccharide	44 R	Polynucleotide (e.g., RNA,
	radical bonded directly to a	4.4. =	DNA, etc.)
	nonsaccharide hetero ring or a	44 A	Antisense or RNA
	polycyclo ring system which	4 =	interference
	contains a nonsaccharide	45	Purines (including
	hetero ring		hydrogenated) (e.g., adenine,
28	The hetero ring has 8 or more	46	guanine, etc.)
	ring carbons	47	Adenosine or derivative
29	The hetero ring has exactly	48	Phosphorus containing
	13 ring carbons (e.g.,	49	<pre>Phosphorus containingPyrimidines (including</pre>
2.0	erythromycin, etc.)	49	hydrogenated) (e.g., cytosine,
30	The hetero ring has exactly		etc.)
31	15 ring carbonsThe hetero ring has 20 or	50	2,4-diketone pyrimidine or
21	more ring carbons (e.g.,	30	derivative (e.g., uracil,
	nystatin, etc.)		etc.)
32	Oxygen of the saccharide	51	Phosphorus containing
22	radical bonded to a	52	Phosphorus containing (e.g.,
	nonsaccharide hetero ring by		Vitamin B12, etc.)
	acyclic carbon bonding	53	Dissacharide
33	Oxygen of the saccharide	54	Polysaccharide
	radical bonded directly to a	55	Chitin or derivative
	polycyclo ring system of three	56	Heparin or derivative
	or more carbocyclic rings	57	Cellulose or derivative
34	Oxygen of the saccharide	58	Dextrin or derivative
	radical bonded directly to a	59	Dextran or derivative
	polycyclo ring system of four	60	Starch or derivative
	carbocyclic rings (e.g.,	61	Tri- or tetrasaccharide
	daunomycin, etc.)	62	Glucosamine or derivative
35	Oxygen of the saccharide	63	.Silicon containing DOAI
	radical bonded directly to a	64	.Boron containing DOAI
	cyclohexyl ring	65	.Pyrethrum plant derived material
			or plant derived rotenone
			compound containing DOAI

66	With heterocyclic compound	91	Hetero ring is five-membered
67	Methylenedioxyphenyl group containing (e.g., piperonyl	92	Two or more hetero atoms in the five-membered ring
60	butoxide, etc.)	93	Triazoles (including
68	With carboxylic acid ester		hydrogenated)
69	With carboxylic acid metal salt	94	Diazoles (including
70	With organic nitrogen		hydrogenated)
	containing compound	95	Sulfur containing hetero ring
71	Sulfur containing organic	96	Polycyclo ring system having
	nitrogen compound		the hetero ring as one of the
72	With organic oxygen containing		cyclos
	compound	97	Two or more sulfurs in the
73	Phosphorus or halogen		hetero ring
	containing organic oxygen	98	Oxygen in the hetero ring
	compound	99	Oxygen containing hetero ring
74	With hydrocarbon or	100	Polycyclo ring system having
, =	halohydrocarbon	100	the hetero ring as one of the
75	.Phosphorus containing other than		cyclos
75	solely as part of an inorganic	101	Two or more oxygen in the
	ion in an addition salt DOAI	101	hetero ring
76	Amine addition salt of organic	102	Two or more phosphorus atoms
70	phosphorus containing acid	102	
77			directly or indirectly bonded
/ /	<pre>Inner salt (e.g., betaine, etc.)</pre>		together by only covalent bonds
7.0	Lecithins	103	
78		103	Phosphorus acid ester of
79	Nitrogen containing hetero ring		polyhydric alcohol or
80	Polycylo ring system having a		thioalcohol (e.g., P-X-R-X-P group, etc., wherein X is
0.1	ring nitrogen in the system		chalcogen and R is the residue
81	Nonshared hetero atoms in at		of the polyhydric alcohol or
	least two rings of the		thioalcohol)
0.0	polycyclo ring system	104	Benzene ring in the alcohol
82	Quinolinyl or isoquinolinyl	104	moiety
	(including hydrogenated)	105	Phosphorus is part of a ring
83	Hetero ring is three-membered		
	consisting of one nitrogen and	106	P-O-P or P-S-P containing
	two carbons	1.07	(e.g., anhydrides, etc.)
84	Hetero ring is six-membered	107	Benzene ring containing
	consisting of three nitrogens	108	Acyclic and contains at least
	and three carbons		one carbon atom between the
85	Hetero ring is six-membered		phosphorus atoms
	consisting of two nitrogens	109	P-X-X containing (X is
	and four carbons		chalcogen)
86	Nitrogen atoms occupy 1 and	110	Phosphorus is part of a ring
	3- positions	111	Polycyclo ring system having
87	\dots PX- bonded directly to 1,3-		the phosphorus containing ring
	diazine at 2- position (X is		as one of the cyclos
	chalcogen)	112	Cyano or isocyano containing
88	Two or more PX- groups	113	Cyano or isocyano bonded
	attached to the same 1,3-		directly to a benzene ring
	diazine (X is chalcogen)	114	Nitrogen, other than nitro or
89	Hetero ring is six-membered		nitroso, bonded indirectly to
	and includes only one ring		phosphorus
	nitrogen	115	\dots N-C(=X)-N containing (X is
90	\ldots Chalcogen in the six-membered		chalcogen)
	hetero ring		

116	Sulfur single bonded directly to nitrogen	141	(CX-) (C)P=X(XH) or (CX-) (R)P=X(XC) containing (e.g.,
117	N-(O=)S(=O) containing (i.e., sulfonamides)		phosphonate, etc.) (X is chalcogen; R is C or H)
118	Phosphorus single bonded directly to nitrogen	142	(CX-)(C)P(C),(CX-)(RX-)P(C),(CX-)P(XH)(XH) or (CX-
119	C(=0)N containing)(CX-)P(-XR) containing (X is
120	C=O other than as ketone or		chalcogen; R is C or H) (e.g.,
120	aldehyde, attached directly or		phosphinite, phosphite, etc.)
	indirectly to phosphorus	143	Ester of (HX)P=X(XH)(XH) (X is
121	Plural C=O groups, other than		chalcogen) (e.g., phosphate,
±2±	as ketone or aldehyde		etc.)
122	Malathion	144	Triester
123	With N-C(=0)-O containing	145	Three benzene rings bonded
123	compound		directly to chalcogen
124	C=O, other than as ketone or	146	Two benzene rings bonded
	aldehyde, attached to a		directly to chalcogen
	benzene ring	147	One benzene ring bonded
125	Ketone or aldehyde containing		directly to chalcogen
126	Sulfur not bonded directly to	148	Diester
	phosphorus	149	.Azoxy DOAI
127	Thioether, sulfoxide or	150	.Acyclic nitrogen double bonded
	sulfone		to acyclic nitrogen, acyclic
128	Sulfur bonded directly to a		nitrogen triple bonded to
	benzene ring		acyclic nitrogen or azide DOAI
129	Oxygen bonded directly to a	151	Acyclic C-N=N-N containing
	carbon or hydrogen and wherein	152	.3,10-dihydroxy-2-naphthacene
	the oxygen is not bonded		carboxamide or derivative
	directly to phosphorus		<pre>(e.g., tetracycline, etc.)</pre>
130	The oxygen is bonded directly		DOAI
	to a benzene ring	153	With stabilizer or preservative
131	Nitro group bonded to a carbon	154	With an additional active
132	Nitro group is directly bonded		ingredient (excludes reaction
	to a benzene ring which	1	product or complex)
	benzene ring is either bonded	155	.Para-N-benzene - sulfoxy-N
	directly bonded to phosphorus		containing DOAI, and said
	or indirectly bonded to		benzene ring is not part of a polycyclo ring system
100	phosphorus through a chalcogen	156	Hetero ring containing
133	Two or more such benzene	157	The hetero ring is six-
124	rings	137	membered and includes at least
134	Acyclic carbon to carbon		two nitrogens and no other
125	unsaturation		hetero atoms
135	Alkyne	158	The hetero ring is five-
136	Phosphate ester having three	200	membered
	ester groups (e.g., DDVP,	159	.Ortho-hydroxybenzoic acid (i.e.,
137	etc.)Nitrogen bonded directly to		salicyclic acid) or derivative
137	phosphorus		DOAI
138	N-P-N or N-N-P containing	160	With additional ortho-
139	N-P-N of N-N-P containingPhosphorus bonded directly to		hydroxybenzoic acid compound
107	halogen	161	With heterocyclic compound
140	(C)(R)P=X(-XC) containing	162	With organic nitrogen
T-70	(i.e., Phosphinate (X is		containing compound
	chalcogen; R is C or H)	163	With carboxylic acid, ester or
	·		metal salt thereof

164	With organic oxygen containing compound	187	Quinolines or isoquinolines (including hydrogenated)
165	Aspirin per se (i.e., 2- (acetyloxy)benozic acid)	188	Hetero ring is six-membered consisting of one nitrogen and
166	Nitrogen containing (e.g.,	100	five carbons
1.60	anilides, etc.)	189	Tin
167	.9,10-seco-	190	Mercury
	cyclopentanohydrophenanthrene	191	Aluminum (including salts)
	ring system (e.g., vitamin D, etc.) DOAI	192	1-thia-4-aza-bicyclo (3.2.0) heptane ring containing
168	With a vitamin type active		(including dehydrogenated)
100	ingredient		(e.g., penicillins, etc.)
169	.Cyclopentanohydrophenanthrene	193	Spiro or additional polycyclo
100	ring system DOAI	100	ring system
170	Plural Compounds containing	194	6,6-di-substituted
170	cyclopentanohydrophenanthrene	195	3-position substituent
	ring systems	100	contains -COOC- group
171	With additional active	196	6-position substituent
,	ingredient	100	contains hetero ring
172	Hetero ring containing	197	6-position substituent
173	Spiro ring system	101	contains carbocyclic ring
174	O-C-O- is part of a hetero	198	Ampicillin per se or salt
I/4	ring (e.g., acetonide, etc.)	100	thereof
175	\dots -C(=0)-O-is part of a hetero	199	Penicillin G per se or salt
173	ring (e.g., lactone, etc.)	100	thereof (e.g., procaine
176	Nitrogen containing hetero		pencillin G, etc.)
170	ring	200	1-thia-5-aza-bicyclo (4.2.0)
177	Oxygen double bonded to a ring	200	octane ring containing
± / /	carbon of the		(including dehydrogenated)
	cyclopentanohydrophenanthrene		(e.g., cephalosporins, etc.)
	ring system	201	7,7-di-substituted
178	Oxygen single bonded to a ring	202	Additional hetero ring
	carbon of the	203	3-position substituent
	cyclopentanohydrophenanthrene		contains pyridine ring
	ring system	204	3-position substituent
179	Modified C-ring (except		contains sulfur
	methyl in 13-position) (e.g.,	205	The additional hetero ring
	double bond containing,		is part of a polycyclo ring
	substituted, etc.)		system
180	9-position substituted	206	7-position substituent
181	21-position substituted		contains hetero ring
182	Oxygen single bonded to a ring	207	Alkyl, hydroxyalkyl,
	carbon of the		alkoxyalkyl or alkanoyloxyakyl
	cyclopentanohydrophenanthrene		bonded directly to 3-position
	ring system	208	Sulfur containing substituent
183	.Heterocyclic carbon compounds	209	Alkyl, hydroxyalkyl,
	containing a hetero ring		alkoxyalkyl, or
	having chalcogen (i.e., 0,S,Se		alkanoyloxyakyl bonded
	or Te) or nitrogen as the only		directly to 3-position
	ring hetero atoms DOAI	210.01	Hetero ring is four-membered
184	Heavy metal containing		and includes at least one ring
	(including salts)		nitrogen
185	Polycyclo ring system		
186	Bicyclo ring system		

210.02	Chalcogen double bonded directly to a ring carbon of the four-membered hetero ring which is adjacent to the ring nitrogen	210.19	Additional hetero ring attached directly or indirectly to the four-membered hetero ring by nonionic bonding
210.03	Polycyclo ring system having the four-membered hetero ring as one of the cyclos	210.2 210.21	The additional hetero ring contains ring nitrogenPolycyclo ring system having
210.04	Bicyclo ring system having the four-membered hetero ring		the additional hetero ring as one of the cyclos
210.05	<pre>as one of the cyclosPlural ring hetero atoms in the bicyclo ring system</pre>	211.01	Hetero ring contains seven members including nitrogen, carbon and chalcogen
210.06	Ring oxygen in the bicyclo ring system	211.02	Monocyclic cyclopentyl ring bonded directly to the seven-
210.07	The other cyclo of the bicyclo ring system is six-		membered hetero ring (e.g., prostaglandins, etc.)
210.08	membered1-oxa-5-aza-bicyclo (4.2.0) octanes (including	211.03	Chalcogen double bonded directly to a ring carbon which is adjacent to the ring
0.1.0	unsaturated)	011 04	nitrogen
210.09	The other cyclo of the bicyclo ring system is five-membered	211.04	Polycyclo ring system which contains the seven-membered hetero ring as one of the
210.1	Sulfur bonded directly to		cyclos
	the five-membered cyclo of the bicyclo ring system (e.g., thienamycin, etc.)	211.05	Bicyclo ring system having the seven-membered hetero ring as one of the cyclos
210.11	Additional hetero ring attached directly to the sulfur	211.06	Ring chalcogen and ring nitrogen are in the 1,5-positions of the seven-
210.12	The additional hetero ring contains ring nitrogen	211.07	
210.13	<pre>X is chalcogen, bonded directly to the additional hetero ring</pre>		or indirectly to the ring nitrogen of the seven-membered hetero ring by acyclic nonionic bonding (e.g., Diltiazem, etc.)
210.14	Polycyclo ring system	211.08	
	bonded directly to the five- membered cyclo of the bicyclo	211,00	seven-membered hetero ring
	ring system	211.09	Polycyclo ring system which
210.15	Chalcogen bonded directly to the ring nitrogen of the four-		contains the seven-membered hetero ring as one of the
	membered ring	011 1	cyclos
210.16	Polycyclo ring system having the four-membered hetero ring	211.1	Three ring hetero atoms in the polycyclo ring system
210.17	as one of the cyclosHaving -C(=X)-, wherein X is	211.11	Tricyclo ring system having the seven-mmbered hetero ring as one of the cyclos
	chalcogen, bonded directly to the four-membered hetero ring	211.12	Ring nitrogen is shared by
210.18	Additional hetero ring attached directly or		plural cyclos of the tricyclo ring system
	indirectly to the four- membered hetero ring by	211.13	Nitrogen bonded directly to ring carbon of the seven-
	nonionic bonding		membered hetero ring

011 11		017 00	
211.14	Having -C(=X)-, wherein X is chalcogen, bonded directly to the seven-membered hetero ring	217.02	Benzene ring bonded directly to ring carbon of the seven- membered hetero ring
211.15	Additional nitrogen containing hetero ring attached directly or indirectly to the seven-membered hetero ring by nonionic bonding	217.03	Additional hetero ring attached directly or indirectly to the seven-membered hetero ring by nonionic bonding
212.01	Hetero ring is seven-membered consisting of one nitrogen and six carbons	217.04	The additional hetero ring is six-membered and contains nitrogen
212.02	Spiro	217.05	Plural ring hetero atoms in
212.03	Chalcogen double bonded		the additional hetero ring
	directly to a ring carbon of the seven-membered hetero ring which is adjacent to the ring	217.06	<pre>The additional hetero ring is a 1,3 diazine (including hydrogenated)</pre>
	nitrogen	217.07	Polycyclo ring system having
212.04	Polycyclo ring system having the seven-membered hetero ring as one of the cyclos		the additional six-membered hetero ring as one of the cyclos
212.05	Plural cyclos of the polycyclo ring system share ring nitrogen of the seven-	217.08	The additional hetero ring is five-membered and contains nitrogen
	membered hetero ring	217.09	Plural ring hetero atoms in
212.06	Plural ring hetero atoms in		the additional hetero ring
	the polycyclo ring system	217.1	Chalcogen is one of the
212.07	Bicyclo ring system having		ring hetero atoms
212.08	the seven-membered hetero ring as one of the cyclosAdditional hetero ring	217.11	Nitrogen or C(=X), wherein X is chalcogen, bonded directly to the seven-membered hetero
	attached directly or		ring
	indirectly by nonionic bonding	217.12	Nitrogen or C(=X), wherein X
	to the seven-membered hetero ring		is chalcogen, attached indirectly to the seven-
213.01	Polycyclo ring system having		membered hetero ring by
	the seven-membered hetero ring as one of the cyclos	218	acyclic nonionic bondingHetero ring is seven-membered
214.01	Ring nitrogen of the seven- membered hetero ring is shared	210	consisting of two nitrogens and five carbon atoms
	by an additional cyclo of the	219	Polycyclo ring system having
214.02	polycyclo ring systemPlural ring nitrogens in the		the seven-membered hetero ring as one of the cyclos
	polycyclo ring system	220	Tricyclo ring system having
214.03	Two of the cyclos share at least three ring members		the seven-membered hetero ring as one of the cyclos
	(i.e., bridged)	221	Bicyclo ring system having
215	Additional hetero atom in the polycyclo ring system		the seven-membered hetero ring as one of the cyclos
216	<pre>Two of the cyclos share at least three ring carbons (i.e., bridged)</pre>	222.2	Hetero ring is six-membered and includes at least nitrogen and sulfur as ring members
217	Tricyclo ring system having	222.5	Three or more ring hetero
	the seven-membered hetero ring a one of the cyclos		atoms in the six-membered hetero ring
217.01	<pre>3-Benzazepines (including hydrogenated)</pre>		

222.8	Polycyclo ring system having	229.5	Polycyclo ring system having
222.0	the six-membered hetero ring	229.5	the six-membered hetero ring
000	as one of the cyclos		as one of the cyclos (e.g.,
223.2	1,2,4 - Benzothiadiazine -	220 0	maytansinoids, etc.)
	1,1 - dioxides (including hydrogenated)	229.8	Tricyclo ring system having the six-membered hetero ring
223.5	With additional active		as one of the cyclos
223.3	ingredient	230.2	Ring nitrogen shared by two
223.8	1,3,5-Thiadiazines		of the cyclos
224.2	Polycyclo ring system having	230.5	Bicyclo ring system having
	the six-membered hetero ring		the six-membered hetero ring
	as one of the cyclos (e.g.,		as one of the cyclos (e.g.,
	1,3- and 1,4- benzothiazines,	000	1,4-benzoxazines, etc.)
224 5	etc.)	230.8	Chalcogen bonded directly to
224.5	At least three cyclos in the		ring carbon of 1,4-oxazine ring
224.8	polycyclo ring systemPhenothiazines (including	231.2	Morpholines (i.e., fully
224.0	hydrogenated)	231.2	hydrogenated 1,4- oxazines)
225.2	Hetero ring attached	231.5	Additional hetero ring
	directly or indirectly to the		attached directly or
	phenothiazine ring nitrogen by		indirectly to the morpholine
	acyclic nonionic bonding	004 0	ring by nonionic bonding
225.5	The hetero ring is	231.8	Plural morpholine rings
225.8	monocyclic piperidineThe hetero ring contains		attached directly or indirectly to each other by
223.0	plural ring nitrogens		nonionic bonding
226.2	Chalcogen or nitrogen	232.2	Additional hetero ring
	attached indirectly to the		attached directly or
	phenothiazine ring nitrogen by		indirectly to the morpholines
	acyclic nonionic bonding	020 E	by nonionic bonding
226.5	One of the cyclos is a 1,2-	232.5	<pre>Polycyclo ring system having the additional hetero</pre>
	thiazine (e.g.,1,2- benzothiazines, etc.)		ring as one of the cyclos
226.8	1,3-Thiazines	232.8	Polycyclo ring system having
227.2	Chalcogen or nitrogen bonded		the additional hetero ring as
	directly to ring carbon of the		one of the cyclos
	six-membered hetero ring	233.2	Ring nitrogen shared by two
227.5	1,4-Thiazines	022 E	of the cyclos
227.8	Additional hetero ring	233.5	Bicyclo ring system having the additional hetero ring as
	attached directly or indirectly to the 1,4-thiazine		one of the cyclos
	by nonionic bonding	233.8	Plural ring hetero atoms
228.2	Polycyclo ring system having		in the bicyclo ring system
	the additional hetero ring as	234.2	Three or more ring hetero
	one of the cyclos		atoms in the bicyclo ring
228.5	Three or more ring hetero	224 5	system
	atoms in the polycyclo ring system	234.5	<pre>Plural ring nitrogens in the bicyclo ring system</pre>
228.8	Hetero ring is six-membered and	234.8	Quinoxalines (including
	includes at least nitrogen and	225 2	hydrogenated)
	oxygen as ring hetero atoms (e.g., monocyclic 1,2- and	235.2	<pre>Ring nitrogen in the bicyclo ring system</pre>
	1,3-oxazines, etc.)	235.5	Ring nitrogen in the
229.2	Three or more ring hetero		additional hetero ring
	atoms in the six-membered		
	hetero ring		

225 0	Dlanel sine situaces in	249	Delinerale miner engham harring a
235.8	Plural ring nitrogens in the additional hetero ring	248	Polycyclo ring system having a 1,2- or 1,4-diazine as one of
	(e.g., imidazole, pyrazine,		the cyclos
	etc.)	249	1,4-diazine as one of the
236.2	Three or more ring hetero		cyclos
	atoms in the additional hetero	250	At least three rings in the
	ring		polycyclo ring system
236.5	The ring nitrogens are	251	Isoalloxazine (e.g.,
	bonded directly to each other		riboflavins, Vitamin B2, etc.)
	(e.g., pyridazine, etc.)	252.01	1,2 diazine attached directly
236.8	Ring chalcogen in the		or indirectly to an additional
	additional hetero ring (e.g.,		hetero ring by nonionic
005.0	oxazole, etc.)		bonding
237.2	The additional hetero ring	252.02	The additional hetero ring is
	is attached indirectly to the		a diazine
	morpholine ring by an acyclic	252.03	The additional hetero ring is
	chain having a hetero atom as a chain member		six-membered consisting of one
237.5	Having -C(=X)-, wherein X is	252.04	nitrogen and five carbon atoms
237.3	chalcogen, bonded directly to	232.04	Polycyclo ring system having the additional six-membered
	the morpholine ring		hetero ring as one of the
237.8	Nitrogen attached indirectly		cyclos
	to the morpholine ring by	252.05	The additional hetero ring is
	acyclic nonionic bonding		a five-membered nitrogen
238.2	Chalcogen attached directly		hetero ring
	to the nitrogen by nonionic	252.06	Polycyclo ring system having
220 E	bonding		the additional five-membered
238.5	The nitrogen is double or triple bonded directly to		hetero ring as one of the
	carbon	252.1	cyclos 1,4 diazines
238.8	Chalcogen attached indirectly	252.11	Plural 1,4-diazine rings
	to the morpholine ring by	232.11	attached directly or
	acyclic nonionic bonding		indirectly to each other by
239.2	The chalcogen is bonded		nonionic bonding
	directly to two carbon atoms	252.12	Piperazines (i.e., fully
239.5	Carbocyclic ring attached		hydrogenated 1,4-diazines)
	indirectly to the morpholine	252.13	Additional hetero ring
0.41	ring by nonionic bonding		attached directly or
241	Hetero ring is six-membered		indirectly to the piperazine
	consisting of three nitrogens and three carbon atoms	252.14	ring by nonionic bondingThe additional hetero ring
242	Asymmetrical (e.g., 1,2,4-	ZJZ•14	is a 1,3 diazine ring
	triazine, etc.)	252.15	Spiro ring system
243	Polycyclo ring system having		containing
	the hetero ring as one of the	252.16	Polycyclo ring system
	cyclos		having the additional 1,3-
244	Hexamethylenetetramines		diazine ring as one of the
245	Nitrogen bonded directly to		cyclos
246	ring carbon of the hetero ring	252.17	The polycyclo ring system
246	Polycyclo ring system having a 1,3,5-triazine as one of the		is quinazoline (including hydrogenated)
	cyclos		nyarogenatea/
247	Hetero ring is six-membered		
	consisting of two nitrogens		
	and four carbon atoms (e.g.,		
	pyridazines, etc.)		

252.18	Additional six-membered hetero ring consisting of five ring carbons and one ring nitrogen attached directly or indirectly to the 1,3-diazine	253.12	Chalcogen bonded directly to ring carbon of the additional six-membered nitrogen containing hetero ring
252.19	by nonionic bondingFive-membered nitrogen hetero ring attached directly or indirectly to the 1,3-		Having -C(=X)-, wherein X is chalcogen, bonded directly to the additional six-membered nitrogen hetero ring
252.2	diazine ring by nonionic bondingOxygen hetero ring	254.01	The additional hetero ring is five-membered having ring nitrogen
	attached directly or indirectly to the 1,3-diazine ring by nonionic bonding	254.02	The additional five- membered hetero ring also has chalcogen as a ring member
253.01	The additional hetero ring is six-membered consisting of one nitrogen and five carbon atoms	254.03	The additional five- membered hetero ring consists of two ring carbons, two ring nitrogens, and one ring
253.02	Polycyclo ring system having the additional six-	054 04	<pre>chalcogen (e.g., oxadiazolyl, thiadiazolyl, etc.)</pre>
253.03	membered nitrogen hetero ring as one of the cyclosTricyclo ring system	254.04	The additional five- membered hetero ring consists of three ring carbons, and of
	having the additional six- membered nitrogen hetero ring as one of the cyclos		nitrogen and chalcogen in adjacent ring positions (e.g., isoxazolyl, isothiazolyl,
253.04	Bicyclo ring having the additional six-membered nitrogen hetero ring as one of the cyclos	254.05	etc.)Plural nitrogens in the additional five-membered hetero ring
253.05	Isoquinolines (including hydrogenated)	254.06	Polycyclo ring system having the plural nitrogen
253.06	Quinolines (including hydrogenated)		containing additional five- membered hetero ring as one of the cyclos
253.07	Chalcogen bonded directly to carbon of the hetero ring of the quinoline ring system	254.07	Chalcogen hetero ring attached directly or indirectly to the piperazine
253.08	<pre>Having -C(=X)-, wherein X is chalcogen, bonded directly to carbon of the hetero ring of the quinoline ring system</pre>	254.08	ring by nonionic bondingPolycyclo ring system having the additional five- membered nitrogen hetero ring as one of the cyclos
253.09	Five-membered nitrogen hetero ring attached directly or indirectly to the piperazine ring by nonionic bonding	254.09	<pre>Indole ring system (including hydrogenated) attached directly or indirectly to the piperazine ring by nonionic bonding</pre>
253.1	The five-membered nitrogen hetero ring has	254.1	Ring oxygen in the additional hetero ring
253.11	chalcogen as a ring memberChalcogen hetero ring attached directly or indirectly to the piperazine ring by nonionic bonding	254.11	<pre>having the additional oxygen hetero ring as one of the cyclos</pre>

255.01	<pre>Nitrogen or -C(=X)-, wherein X is chalcogen, bonded directly to the piperazine ring</pre>	259.4	The second ring of the bicyclo ring system is six-membered, consisting of five ring carbons and the shared
255.02	Chalcogen bonded directly to a piperazine ring carbon		<pre>ring nitrogen (e.g., pyrido[1,2-a]pyrimidine, etc.)</pre>
255.03	Carbocyclic ring bonded directly to the piperazine ring	259.41	Additional hetero ring is attached directly or indirectly to the bicyclo ring
255.04	Plural carbocyclic rings bonded directly to the same acyclic carbon atom which is attached directly or	259.5	system by nonionic bondingChalcogen bonded directly to a ring carbon of the 1,3-diazine ring
	<pre>indirectly to the piperazine ring by nonionic bonding</pre>	260.1	Ring chalcogen in the bicyclo ring system
255.05	Additional hetero ring attached directly or indirectly to the 1,4-diazine ring by nonionic bonding	261.1	<pre>Exactly five ring nitrogens in the bicyclo ring system (e.g., triazolo[4,5- d]pyrimidine, etc.)</pre>
255.06	\dots Nitrogen or -C(=X)-, wherein	262.1	Exactly four ring nitrogens
	X is chalcogen, bonded	262 1	in the bicyclo ring system
	directly to ring carbon of the 1,4-diazine ring	263.1	<pre>Purine (including hydrogenated)</pre>
256	1,3-diazines (e.g., pyrimidines, etc.)	263.2	Additional hetero ring
257	Polycyclo ring system having		attached directly or indirectly to the purine ring
	1,3-diazine as one of the		system by nonionic bonding
	cyclos	263.21	The additional hetero
258.1	Bicyclo ring system having the 1,3-diazine as one of the		ring is a 1,3-diazine ring (including hydrogenated)
259.1	cyclosA ring nitrogen is shared	263.22	The additional hetero ring is six-membered
237.1	by the two cyclos of the bicyclo ring system (e.g.,		consisting of one nitrogen and five carbons
	pyrrolo [1,2-a]pyrimidine, imidazo[1,2-a]pyrimidine,	263.23	The additional hetero ring consists of carbon and
259.2	etc.)Ring chalcogen in the		chalcogen as the only ring members
200.2	bicyclo ring system	263.24	The additional
259.3	The shared ring nitrogen is bonded directly to a ring nitrogen of the second ring of		chalcogen containing hetero ring is part of a polycyclo ring system
	the bicyclo ring system (e.g., pyrazolo[1,5-a]pyrimidine, etc.)	263.3	Chalcogen bonded directly to a ring carbon of the purine ring system
259.31	The second ring of the	263.31	With perservative,
	bicyclo ring system is a five- membered hetero ring including		stabilizer, or an additional active ingredient
	<pre>three ring nitrogens (e.g., triazolo[1,5-a]pyrimidine, etc.)</pre>	263.32	Nitrogen containing hetero ring in the perservative, stabilizer, or additional active ingredient
		263.33	Chalcogen bonded directly to the 2-,6-, and 8-positions of the purine ring system

263.34	Chalcogen bonded directly to the 2-and 6-positions of the purine ring system (e.g., theophylline,	266.23	The additional hetero ring is five-membered consisting of carbon and plural nitrogens as the only
263.35	etc.)Nitrogen attached indirectly to the purine ring system by acyclic nonionic bonding	266.24	ring membersThe additional hetero ring consists of carbon and chalcogen as the only ring members
263.36	<pre>Chalcogen attached indirectly to the purine ring system by acyclic nonionic bonding</pre>	266.3	<pre>Chalcogen bonded directly to a ring carbon of the 1,3- diazine ring of the quinazoline ring system</pre>
263.37	<pre>Nitrogen bonded directly to a ring carbon of the purine ring system (e.g., guanine, etc.)</pre>	266.31	Carbocyclic ring bonded directly to a ring carbon of the quinazoline ring systemNitrogen bonded directly
263.38		267	to ring carbon of the 1,3- diazine ring of the quinazoline ring systemTricyclo ring system having
263.4	Nitrogen bonded directly to ring carbon of the purine		1,3-diazine as one of the cyclos
	<pre>ring system (e.g., adenine, etc.)</pre>	268	<pre>Perimidine (including hydrogenated)</pre>
264.1	<pre>The other cyclo in the bicyclo ring system is a pyridine ring (including hydrogenated) (e.g.,</pre>	269	<pre>Pyrimidines with chalcogen bonded directly to a ring carbon of said pyrimidine moiety</pre>
264.11	<pre>pyrido[2,3-d]pyrimidine, etc.)Nitrogen bonded directly to ring carbon of the 1,3-</pre>	270	Barbituric acid or derivative (including thioanalogs)
	diazine ring of the bicyclo ring system	271	Two or more barbituric acid compounds or with an
265.1	The other cyclo in the bicyclo ring system is a		additional active ingredient or stabilizer
	<pre>pyrrole ring (including hydrogenated) (e.g.,</pre>	272	Nitrogen bonded directly to the 1,3-diazine at 2-position
	<pre>pyrrolo[3,2-d]pyrimidine, etc.)</pre>	273	<pre>The nitrogen is part of a hetero ring</pre>
266.1	<pre>Quinazoline (including hydrogenated)(i.e., the second</pre>	274	Chalcogen bonded directly to pyrimidine at 2-position
	<pre>cyclo in the bicyclo ring system is an ortho-fused six- membered carbocycle)</pre>	275	Nitrogen bonded directly to the 1,3-diazine at 2-position by a single bond
266.2	Additional hetero ring attached directly or	276	Thiamines (e.g., vitamin B1, etc.)
	<pre>indirectly to the quinazoline ring system by nonionic bonding</pre>	277	Hetero ring is six-membered consisting of one nitrogen and five carbon atoms
266.21	The additional hetero ring is six-membered consisting of one nitrogen and	278 279	Spiro ring systemPolycyclo ring system having
266.22	five carbonsPiperidinyl or tetrahydropyridyl		the six-membered hetero ring as one of the cyclos

280	Pentacyclo ring system having the six-membered hetero ring	299	Bicyclo ring system having the six-membered hetero ring
281	as one of the cyclosTwo of the cyclos share at	300	as one of the cyclosPlural hetero atoms in the
	<pre>least three ring members (i.e., bridged)</pre>	301	bicyclo ring systemRing sulfur in the bicyclo
282	One of the five cyclos is		ring system
	five-membered and includes	302	Ring oxygen in the bicyclo
	ring chalcogen (e.g., codeine,		ring system
283	morphine, etc.)	303	Exactly three ring
203	Ring nitrogen in the pentacyclo ring system is		nitrogens in the bicyclo ring
	shared by five-membered cyclo	304	<pre>systemTropanes (including nor or</pre>
	and six-membered cyclo (e.g.,	304	dehydro form)
	vincamine, etc.)	305	Quinuclidines (including
284	Tetracyclo ring system having	303	unsaturation)
	the six-membered hetero ring	306	Quinolizines (including
	as one of the cyclos		hydrogenated)
285	Plural hetero atoms in the	307	Isoquinolines (including
	tetracyclo ring system (e.g.,		hydrogenated)
286	acronycines, etc.)	308	Plural isoquinoline ring
200	Two of the cyclos share at least three ring members		systems attached directly or
	(i.e., bridged)		indirectly to each other by
287	Three or more hetero atoms	309	nonionic bondingChalcogen attached directly
-	in the tetracyclo ring system	309	to the six-membered hetero
288	Ring carbon is shared by		ring by nonionic bonding
	three of the cyclos	310	Nitrogen, other than as
289	\ldots Two of the cyclos share at		nitro or nitroso, attached
	least three ring members		directly to the isoquinoline
	(i.e., bridged) (e.g.,		ring system by nonionic
290	<pre>morphinans, etc.)Tricyclo ring system having</pre>	211	bonding
200	the six-membered hetero ring	311	Quinolines (including
	as one of the cyclos	312	hydrogenated)Chalcogen attached directly
291	Plural hetero atoms in the	312	to the six-membered hetero
	tricyclo ring system		ring by nonionic bonding
292	Plural ring nitrogens in	313	Nitrogen, other than as
	the tricyclo ring system		nitro or nitroso, attached
293	Three or more hetero atoms		directly to the six membered
004	in the tricyclo ring system		hetero ring by nonionic
294	Ring nitrogen is shared by	214	bonding
295	two of the cyclosTwo of the cyclos share at	314	Additional hetero ring attached directly or
293	least three ring carbons		indirectly to the quinoline
	(i.e., bridged) (e.g.,		ring system by nonionic
	benzomorphans, etc.)		bonding
296	Ring carbons shared by each	315	Piperidines
	of the three cyclos (e.g.,	316	Plural piperidine rings
	1,8-naphthalimides, etc.)	317	Additional ring containing
297	Acridines (including	318	The additional ring is a
200	hydrogenated)		six-membered hetero ring
298	Phenanthridines (including		consisting of one nitrogen and five carbon atoms
	hydrogenated)		TIVE CALDON ALONS

319	The additional ring is one of the cyclos in a polycyclo ring system	340	Ring nitrogen in the additional hetero ring (e.g., oxazole, etc.)
320	Hetero ring in the polycyclo ring system	341	The additional hetero ring consists of two nitrogens and
321	Plural hetero atoms in the polycyclo ring system	342	three carbonsRing sulfur in the
322	Plural ring nitrogens in	343	additional hetero ringThe additional hetero ring
323	the polycyclo ring systemRing nitrogen in the polycyclo ring system	343	consists of one nitrogen and four carbons (e.g., nicotine,
324	Ring sulfur in the polycyclo ring system	344	etc.)Cyano bonded directly to the
325	Polycyclo ring system is	345	six-membered hetero ringChalcogen bonded directly to
326	<pre>tricyclo-carbocyclicThe additional ring is a hetero ring</pre>	243	ring carbon of the six- membered hetero ring
327	Chalcogen bonded directly to ring carbon of the piperidine ring	346	Chalcogen and acyclic nitrogen bonded directly to the same carbon
328	Plural chalcogens bonded directly to ring carbons of	347	Chalcogen bonded directly to chalcogen
329	the piperidine ringNitrogen attached directly	348	Chalcogens bonded directly to at least two ring carbons of
	to the piperidine ring by nonionic bonding	349	the six-membered hetero ringNitrogen attached directly to
330	<pre>C=X bonded directly to the piperidine ring (X is</pre>		the six-membered hetero ring by nonionic bonding
331	chalcogen)Nitrogen attached indirectly	350	C=0 bonded directly to the six-membered hetero ring
	to the piperidine ring by nonionic bonding	351	Nitrogen attached indirectly to the six-membered hetero
332	Plural six-membered hetero rings consisting of one nitrogen and five carbon atoms	352	ring by nonionic bondingNitrogen attached directly to the six-membered hetero ring
333	Additional hetero ring other than the six-membered hetero	353	by nonionic bondingPlural acyclic nitrogens
334	ringsThe six-membered hetero rings		bonded directly to the same carbon or bonded directly to
334	are bonded directly to each	354	each otherC=0 bonded directly to the
335	otherChalcogen bonded directly to		six-membered hetero ring
	a ring carbon of the six- membered hetero ring	355 356	At 3-positionC=0 in a C(=0)0 group (e.g.,
336	Additional hetero ring containing	357	nicotinic acid, etc.)Nitrogen attached indirectly
337	The additional hetero ring is one of the cyclos in a	337	to the six-membered hetero ring by nonionic bonding
338	polycyclo ring systemPlural hetero atoms in the	358	The ring nitrogen of the six- membered hetero ring is
339	<pre>polycyclo ring systemRing nitrogen in the polycyclo ring system</pre>		<pre>pentavalent (e.g., quaternary pyridinium salt, etc.)</pre>

250		250	
359	Five-membered hetero ring	379	Polycyclo ring system having
	containing at least one		the oxazole ring as one of the
	nitrogen ring atom (e.g.,	200	cyclos
260	1,2,3-triazoles, etc.)	380	Chalcogen or nitrogen bonded
360	Plural ring chalcogens in the		directly to ring carbon of the
2.61	hetero ring	2.01	oxazole ring
361	Plural ring nitrogens and a	381	Tetrazoles (including
	single chalcogen in the hetero	200	hydrogenated)
2.60	ring	382	Additional chalcogen
362	1,2,5-thiadiazoles (including		containing hetero ring
2.62	hydrogenated)	383	1,2,4-triazoles (including
363	1,3,4-thiadiazoles (including		hydrogenated)
0.54	hydrogenated)	384	Chalcogen bonded directly to
364	Oxadiazoles (including		the triazole ring
	hydrogenated)	385	1,3-diazoles
365	1,3-thiazoles (including	386	Divalent chalcogen or acyclic
	hydrogenated)		nitrogen double bonded
366	Polycyclo ring system having		directly to ring carbon of the
	the thiazole ring as one of		diazole ring, or tautomeric
	the cyclos		equivalent
367	Bicyclo ring system having	387	Polycyclo ring system having
	the thiazole ring as one of		the diazole ring as one of the
	the cyclos		cyclos
368	Ring nitrogen is shared by	388	Nitrogen double bonded
	the cyclos of the bicyclo ring		directly at 2-position of the
	system (e.g., tetramisole,		diazole ring, or tautomeric
	etc.)		equivalent
369	Chalcogen bonded directly to	389	Divalent chalcogen or
	ring carbon of the thiazole		acyclic nitrogen double bonded
	ring		directly at both 2- and 4-
370	Nitrogen bonded directly to		positions, or tautomeric
	ring carbon of the thiazole		equivalent (e.g., hydantoin,
	ring		etc.)
371	\dots C=X bonded directly to the	390	Chalcogen or nitrogen
	nitrogen which is bonded		bonded directly at 1-, 3-, or
	directly to the thiazole ring		5-position by nonionic bonding
	(X is chalcogen)	391	Benzene ring bonded
372	1,2-thiazoles (including		directly to the diazole ring
	hydrogenated)		by nonionic bonding
373	Polycyclo ring system having	392	Divalent chalcogen or
	the thiazole ring as one of		acyclic nitrogen double bonded
	the cyclos		at 2-position, or tautomeric
374	1,3-oxazoles (including		equivalent
	hydrogenated)	393	Polycyclo ring system having
375	Polycyclo ring system having		the diazole ring as one of the
	the oxazole ring as one of the		cyclos
	cyclos	394	Benzo fused at 4,5-positions
376	Chalcogen bonded directly to		of the diazole ring
	ring carbon of the oxazole	395	Chalcogen or nitrogen
	ring		bonded directly at 1-, 2- or
377	Nitrogen bonded directly to		3-position of the diazole ring
	ring carbon of the oxazole		by nonionic bonding
	ring	396	Imidazoles
378	1,2-oxazoles (including	397	Additional hetero ring
	hydrogenated)		

398	Chalcogen or nitrogen bonded directly to the imidazole ring by nonionic bonding	418	Chalcogen bonded directly to ring carbon of the five-membered hetero ring
399	Chalcogen or nitrogen bonded indirectly to the imidazole ring by nonionic bonding	419	C=X bonded directly or indirectly by an acyclic carbon or carbon chain to ring
400	At imidazole ring carbon		carbon of the five-membered
401	2-imidazolines		hetero ring (e.g., tryptophan,
402	Additional hetero ring		etc.) (X is chalcogen)
403	1,2-diazoles	420	Indomethacine per se or
404	Divalent chalcogen or acyclic		ester thereof
404	nitrogen double bonded directly to ring carbon of the diazole ring, or tautomeric equivalent	421	Chalcogen bonded directly to ring carbon of the five-membered hetero ring (e.g., adrenochrome, etc.)
405	Polycyclo ring system having	422	Additional hetero ring
	the diazole ring as one of the cyclos	423	C=X bonded directly to the five-membered hetero ring by
406	Pyrazoles		nonionic bonding (X is
407	Chalcogen or nitrogen bonded		chalcogen)
	directly to the pyrazole ring	424	Chalcogen bonded directly to
	by nonionic bonding		the five-membered hetero ring
408	The five-membered hetero ring		by nonionic bonding
400	consists of one nitrogen and	425	Plural chalcogens bonded
	four carbons		directly to the five-membered
409	Spiro ring system		hetero ring by nonionic
410			bonding
410	Polycyclo ring system having	426	Nitrogen bonded directly to
	the five-membered hetero ring	120	the five-membered hetero ring
411	as one of the cyclos		by nonionic bonding
411	Tricyclo ring system having	427	Two double bonds between ring
	the five-membered hetero ring	427	members of the five-membered
440	as one of the cyclos		hetero ring (e.g., pyrrole,
412	Bicyclo ring system having		etc.)
	the five-membered hetero ring	428	•
	as one of the cyclos	420	Chalcogen bonded indirectly to the five-membered hetero
413	Ring nitrogen is shared by		
	the cyclos of the bicyclo ring		ring by acyclic nonionic
	system	429	bonding
414	Additional hetero ring	429	Carbocyclic ring bonded
	which is not part of the		directly to the five-membered
	bicyclo ring system	420	hetero ring
415	\ldots The bicyclo ring system	430	Sulfur containing hetero ring
	consists of the five-membered	431	The hetero ring has at least
	hetero ring and a benzene ring		seven members
	(e.g., indole, etc.)	432	The hetero ring is six-
416	The ring nitrogen is		membered
	bonded directly to nonshared	433	Plural hetero atoms in the
	ring carbons of the five-		hetero ring
	membered hetero ring (e.g.,	434	Polycyclo ring system having
	isoindole, etc.)		the hetero ring as one of the
417	Plural chalcogens bonded		cyclos
	directly to ring carbons of	435	Three or more hetero atoms
	the five-membered hetero ring		in the hetero ring
	(e.g., phthalimide, etc.)	436	Two ring sulfurs in the
			hetero ring

437	Tricyclo ring system having the hetero ring as one of the	461	The hetero ring is five- membered
438	cyclosThe hetero ring is five- membered	462 463	Spiro ring systemPlural ring oxygens in the hetero ring
439	Plural hetero atoms in the hetero ring	464	Bicyclo ring system having the hetero ring as one of the
440	Only two ring sulfurs in the hetero ring		cyclos (e.g., methylenedioxyphenyl group,
441	Chalcogen bonded directly to ring carbon of the hetero ring	465	<pre>etc.)The hetero ring is substituted</pre>
442	Nitrogen bonded directly to the hetero ring by nonionic bonding	466 467	<pre>Nitrogen containingOnly two ring oxygens in the hetero ring which is not a</pre>
443	Polycyclo ring system having the hetero ring as one of the		<pre>polycyclo ring system (e.g., dioxolane, etc.)</pre>
444	cyclosAdditional hetero ring	468	Polycyclo ring system having the hetero ring as one of the
445	Chalcogen bonded directly to ring carbon of the hetero ring	469	cyclosBicyclo ring system having the hetero ring as one of the
446	Chalcogen bonded directly to ring sulfur by nonionic bonding	470	cyclosChalcogen or nitrogen
447	Nitrogen bonded directly to the hetero ring	470	bonded directly to the hetero
448	C=O bonded directly to the	471	Nitrogen containing
	hetero ring (X is chalcogen)	472	The nitrogen bonded directly
449	Oxygen containing hetero ring	450	to the hetero ring
450	The hetero ring has at least seven members	473	Chalcogen bonded directly to the hetero ring
451	The hetero ring is six- membered	474	Ascorbic acid or derivative (e.g., vitamin C, etc.)
452	<pre>Plural ring oxygens in the hetero ring</pre>	475	The hetero ring is three- membered
453	Polycyclo ring system having the hetero ring as one of the	476	.N-C(=X)X containing (X is chalcogen) DOAI
	cyclos	477	N-C(=X)-X-N containing
454	Tricyclo ring system having	478	N-C(=X)-X-C containing
	the hetero ring as one of the cyclos	479	With an additional active ingredient
455	Chalcogen bonded directly to ring carbon of the hetero	480	Polycyclo ring system attached by nonionic bonding
	ring	481	Naphthyl ring system
456	<pre>the hetero ring system having the hetero ring as one of the cyclos (e.g., chromones, etc.)</pre>	482	N-C(=X)-N, N-C(=N)N, N-N, nitrogen directly bonded to oxygen by nonionic bonding or
457	<pre>Coumarins (including hydrogenated)</pre>	483	cyano containingPlural N-C(=X)-X groups
458	Tocopherols (e.g., vitamin E, etc.)	484 485	Ring in acid moietyThe ring is a benzene ring
459	Nitrogen containing	486	Phenoxy in acid moiety
460	Chalcogen bonded directly to ring carbon of the hetero ring	487	The benzene ring is attached to nitrogen through an acyclic carbon or carbon chain

488	Ring in alcohol moiety	519	Cyano or isocyano bonded
489	Ring in alcohol moiety		directly to carbon
490	Ring attached directly to	520	Benzene ring containing
	oxygen of $N-C(=0)-0$	521	\dots C=0 other than as ketone or
491	With an additional active		aldehyde
400	ingredient	522	The cyano is bonded directly
492	.Heavy metal containing DOAI	500	to a benzene ring
493	Tin	523	Additional nitrogen other
494	Zinc	FO.4	than cyano
495	Gold or silver	524	The cyano is bonded directly
496	Mercury	F0F	to a benzene ring
497	Nitrogen containing	525	Two or more of the cyano
498	Lead	F0.6	groups
499	Copper	526	Acyclic
500	With an additional active ingredient	527	C=0 other than as ketone or aldehyde
501	Nickel or cobalt	528	C(=0)N containing
502	Iron	529	Z-C(=0)-O-Y wherein Z is
503	Antimony or bismuth		hydrogen or an organic radical
504	Arsenic		bonded to the $C(=0)$ by a
505	Cadmium or chromium		carbon and Y is an organic
506	.Ester DOAI		radical bonded to the oxygen
507	R-C(=X)-N-X-C containing (e.g.,		by a carbon
	hydroxamic acid ester, etc.)	530	Z contains a cyclopentyl or cyclopentene ring
	(R is C or H and X is chalcogen)	531	Z contains a cyclopropyl or
508	X-C=N containing (e.g.,		cyclopropene ring
	imidoester, etc.) (X is	532	\dots Z-C(=0)-O-Y, wherein Z
	chalcogen)		contains a benzene ring
509	(O=)N(=O)-O-C containing (e.g.,	533	Compound contains two or more
	nitrate ester, etc.)		C(=0)0 groups indirectly
510	Polycyclo ring system		bonded together by only
511	Two of the cyclos share at	50.4	conalent bonds
	least three ring members	534	Z or Y radical contains a
	(i.e., bridged)		nitrogen atom
512	X-C(=X)-X containing (e.g.,	535	The nitrogen of the Z
	carbonic acid ester,		radical is directly bonded to
	thiocarbonic acid ester, etc.)		a benzene ring which is
	(X is chalcogen)		directly bonded to the C(=0) group
513	C-C(=X)-X-C containing (X is	536	With an agent to enhance
	chalcogen and at least one X	550	topical absorption or with a
	is other than oxygen)		stabilizing agent
514	Carbon bonded to -NCX or -XCN	537	With an additional active
	(e.g., cyanate, thiocyanate or	337	ingredient
	isothiocyanate, etc.) (X is	538	Nitrogen bonded to carbon in
E1E	chalcogen)	330	Z moiety
515	With an additional active	539	Plural separated benzene
E16	ingredient	333	rings in Z moiety
516	Containing plural -NCX or -XCN	540	Nitrogen in Y moiety
517	groups or a cyano	541	Aldehyde or ketone in Z or
J ± 1	<pre>S-X-C containing (e.g., sulfates, etc.) (X is</pre>	- 	Y radical
	chalcogen)		
518	S of S-X-C attached directly		
J±0	to a benzene ring		

542	Z radical contains two or more nitrogen atoms at least	568	Benzene ring nonionically bonded
	one of which forms a C(=X)N	569	Polycyclo ring system
	group (X is chalcogen)	570	Carboxy or salt thereof only
543	Z forms a phenoxy alkyl or	370	attached indirectly to the
242			-
E 4 4	phenoxy alkenyl radical		benzene ring
544	\dots C(=0)0 attached directly	571	Ether oxygen single bonded
	through the carbon to a		to carboxylic acid,
	benzene ring		percarboxylic acid or salt
545	Ketone in Z radical		thereof through an acyclic
546	ZC(=0)OY, wherein Z is an		carbon or acyclic carbon chain
	acyclic radical bonded to the	572	Cyclic carboxylic acid
	C=O by a carbon and Y is an		containing three to five
	organic radical bonded to the		carbons or cyclic
	oxygen by a carbon		percarboxylic acid containing
547	Compound contains two or more		three to five carbons or salt
J4 /			thereof
E 4 O	C(=0)0 groups	573	
548	Ring is alcohol moiety	373	Cyclopentyl or cyclopentene (e.g., prostaglandins, etc.)
549	Z radical contains carbon to	E 17 4	
	carbon unsaturation	574	Polycarboxylic acid or salt
550	Z radical contains sulfur or		thereof
	halogen	575	Hydroxamic acid or salt thereof
551	Z radical contains nitrogen	576	Benzene ring containing
552	Z contains an unbroken chain	577	Polycyclo ring system
	of at least seven carbon atoms	578	Acyclic acid or salt thereof
	bonded directly to the C(=0)	579	.Nitrogen containing other than
	group		solely as a nitrogen in an
553	.Radical -XH acid, or anhydride,		inorganic ion of an addition
	acid halide or salt thereof (X		salt, a nitro or a nitroso
	is chalcogen) DOAI		DOAI
554	Amine addition salt of the acid	580	Thioureas (i.e., N-C(=S)-N
555	Benzene ring in acid moiety	581	Thiocarbazides or
556	Inner quaternary ammonium salt	301	thiosemicarbazides (i.e., N-N-
330			C(=S)-N containing)
	(e.g., betaine, etc.)	582	Thiocarbazones or
557	Carboxylic acid, percarboxylic	202	
	acid, or salt thereof (e.g.,		thiosemicarbazones (i.e., C=N-
	peracetic acid, etc.)	F.0.2	N-C(=S)-N containing)
558	Higher fatty acid or salt	583	Benzene ring containing
	thereof	584	C=O, sulfur or cyano attached
559	Ring containing		directly to thiourea nitrogen
560	Carbon to carbon unsaturation		by nonionic bonding
561	Nitrogen other than as nitro	585	Benzene ring containing
	or nitroso nonionically bonded	586	Nitrogen attached indirectly
562	Sulfur nonionically bonded		to the $-C(=S)$ -group by
563	RC(=0)N containing (i.e.,		nonionic bonding
	carboxamide) (R is C or H)	587	Oxygen containing
564	Plural nitrogens nonionically	588	Ureas (i.e., $N-C(=0)-N$)
304	bonded	589	Nitro or nitroso bonded
565			directly to amino nitrogen
303	N-N or N=C(-N)-N containing		(e.g., nitramine, nitrosamine,
	(e.g., hydrazines, hydrazones,		nitro-urea, etc.)
ГСС	or guanidines, etc.)	590	Carbazides or semicarbazides
566	Polycarboxylic acid	J	(i.e., N-N-C(=0)-N containing)
567	Benzene ring nonionically	591	Biurets (i.e., N-C(=0)-N-
	bonded	J J 1	
			C(=O)-N)

592	Sulfur attached directly to urea nitrogen by nonionic bonding	613	Carboxamides (i.e., R-C(=0)-N, wherein R is a radical having carbon bonded directly to the
593	Sulfur is part of a substituent which contains additional nitrogen		C(=0)-N or is hydrogen and wherein any substituent attached to nitrogen will be
594	Additional C=O bonded directly to urea nitrogen	614	<pre>referred to as E)N-N containing (e.g.,</pre>
595	Benzene ring containing		aminimine, hydrazine, etc.)
596	Benzene ring bonded directly	615	R contains benzene ring
	to urea nitrogen	616	Plural carboxamide groups or
597	Benzene ring is part of a substituent which contains		plural C=O groups bonded directly to the same nitrogen
	nitrogen	617	R contains benzene ring
598	Benzene ring is part of a	618	Sulfur in R
	substituent which contains	619	Nitrogen in R
	oxygen	620	\ldots The nitrogen in R is an
599	Thiocarboxamides, (i.e., C(=S)-		amino nitrogen attached
	N)		indirectly to a ring by
600	Sulfamides (i.e., $N-(O=)S(=O)-$		acyclic bonding
	N)	621	C=0 in R
601	Sulfonamides (i.e., Q-	622	\dots C-O- group in R
	(O=)S(=O)-N, wherein Q is a	623	Plural alicyclic rings in R
	substituent and wherein any	624	Three-membered ring in R
	substituent attached to the	625	R is acyclic
	nitrogen will be referred to	626	Nitrogen in R
600	as E)	627	Carbon to carbon unsaturation
602	Q contains benzene ring		in R
603	Nitrogen in Q	628	Halogen bonded directly to
604	Q is monocyclic		carbon in R
605	Q is acyclic and benzene ring in a substituent E	629	R is hydrogen or a lower saturated alkyl of less than
606 607	N-S-S containing	620	seven carbons
607	<pre>N-S-N containing or contains a nitrogen bonded directly to a S=0 group (e.g., sulfinamides, etc.)</pre>	630	<pre>A ring or polycyclo ring system in a substituent E is attached indirectly to the carboxamide nitrogen or to an</pre>
608	Sulfur attached directly to amino nitrogen by nonionic		amino nitrogen in substituent E by acyclic nonionic bonding
	bonding (e.g., sulfenamides,	631	Amidines (i.e., N=C-N)
	etc.)	632	Amidino hydrazines or
609	Cyanamides (i.e., compounds containing cyano bonded		hydrazones (i.e., N-N=C-N or N=C-N-N)
	directly to amino nitrogen)	633	Amidoximes (i.e., N-C=N-O)
610	Nitramines (i.e., compounds	634	Guanidines (i.e., N=C(-N)-N)
010	containing nitro bonded	635	Biguanides (i.e., N=C(-N)-
C11	directly to amino nitrogen)		N(N-)C=N
611	Nitrosamines (i.e., compounds	636	Polyamidines
	containing nitroso bonded	637	Benzene ring containing
612	directly to amino nitrogen)	638	Nitrogen double bonded directly
OTZ	Haloamines (i.e., compounds containing halogen attached	620	to carbon
	directly to amino nitrogen by	639	Hydrazones (i.e., C=N-N)
	nonionic bonding)	640	Oximes (i.e., C=N-O-)

642 Quaternary ammonium containing 643 Benzener ring containing 644 Amine oxides 645 Nitroxides, oxyamines or chain 646 Altanine oxides 646 Altanine oxides 647 Amine nitrogen and a ring 648 Benzene ring containing 648 Benzene ring containing 649 Amine nitrogen and a ring 640 Benzene ring containing 640 Amine nitrogen and a ring 641 Amine nitrogen and a ring 642 Amine nitrogen and a ring 643 Amine nitrogen and a ring 644 Amine nitrogen and a ring 645 Amine nitrogen and a ring 646 Amine nitrogen and a ring 647 Amine nitrogen and aring 648 Two aryl rings or aryl ring 649 Amine nitrogen attached to 640 Amine nitrogen attached to 641 The aryl ring or aryl ring 648 Two aryl ring system 649 Amine nitrogen attached to 640 Amine nitrogen attached to 641 The aryl ring or aryl ring 642 Amine nitrogen and an 643 Two aryl ring system 644 Amine nitrogen and an 645 Amine nitrogen and an 646 Amine nitrogen and an 647 Amine nitrogen and an 648 Two aryl ring or aryl ring 649 Amine nitrogen and an 649 Amine nitrogen and an 640 Amine nitrogen and an 641 Amine nitrogen and an 642 Amine nitrogen and an 643 Amine nitrogen and an 644 Amine nitrogen and an 645 Altanol group only between 646 Altanol group only between 647 Altanol group only between 648 Altanol group only between 649 Altanol group only between 640 Altanol group only between 641 Altanol group only between 642 Altanol group only between 643 Altanol group only between 644 Amine nitrogen and an 645 Altanol group only between 646 Altanol group only between 647 Altanol group only between 648 Altanol group only between 649 Altanol group only between 649 Altanol group only between 650 Altanol group only between 651 Altanol group only between 652 Altanol group only between 653 Altanol group only 654 Altanol group only 655 Altanol gr	641	Aldimines or ketimines which contain a benzene ring (i.e., RC=N wherein R is C or H)	659	Alicyclic ring or ring system and amino nitrogen are attached indirectly by an
643 Jenzene ring containing 644 Amine oxides 645 Nitroxides, oxyamines or 646 hydroxylamines (i.e., N-0 or 662 Tricyclo ring system 646	642	*		
644 .Amine oxides 645 .Nitroxides, oxyamines or hydroxylamines (i.e., N-O or hydroxylamines (i.e., N-O or ny-OH) 646 .Benzene ring containing 647 .Amino nitrogen and a ring bonded directly to the same ring and any other amino nitrogen in the compound is bonded directly to one of the rings 648 .Two aryl rings or aryl ring systems bonded directly to the same acyclic carbon or aryl ring or aryl ring system by an acyclic chain 650The aryl ring or aryl ring system to ham had been containing or aryl ring system is bonded directly to another ring or ring system the amino nitrogen and an ether oxygen which is bonded directly to the aryl ring or aryl ring system the amino nitrogen and an ether oxygen which is bonded directly to the aryl ring or aryl ring system (i.e., aryloxy alkanol amines) 653Hydroxy, bonded directly or indirectly to the acyclic carbon or carbon, which carbon additionally has only hydrogen or acyclic hydrocarbyl substituents only substituents bonded directly to the same acyclic chydrocarbyl substituents bonded directly to the acycl ring system and amino nitrogen are bonded directly to the same acyclic hydrocarbyl substituents bonded directly to the same acyclic ring carbon. Accyclic ring system and amino nitrogen are bonded directly to the acyclic and hydroxy phenethylamines, etc.) 655The carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly to the same acylic carbon, which carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly to the same acylic carbon which carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly to the same acylic carbon which carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly to the same acylic carbon acyclic hydrocarbyl substituents bonded directly to the same acylic carbon acyclic hydrocarbyl substituents bonded		_		
645 Nitroxides, oxyamines or hydroxylamines (i.e., N-0 or 662 N-0-0 or 664 N-0-0 or 665 N-0-0 or 666 N-0-0 or 666 N-0-0 or 667 N-0-0 or 668 N-0-0 or 668 N-0-0 or 669 N-0-0 or 660 N-0-0 or			660	
hydroxylamines (i.e., N-0 or N-0H) 646 N-0H) 647Amino nitrogen and a ring bonded directly to the same ring and any other amino nitrogen in the compound is bonded directly to one of the rings 648Two aryl rings or aryl ring system bonded directly to the same acyclic carbon another ring or raryl ring system by an acyclic carbon or acyclic chain 650The aryl ring or aryl ring system is bonded directly to chain ether oxygen which is bonded directly to the anino nitrogen and an ether oxygen which is bonded directly to the aryl ring system (i.e., aryl ring system (i.e., aryl ring system) the anino nitrogen and an hydroxy phenethylamines, etc.) 654The chain consists of two or more carbons which are unsubituted or have acyclic hydrocarbyl substituents only sustituents bonded directly to the acyclic carbon or additionally has only hydrogen or acyclic inydrocarbyl substituents bonded directly thereto 656Polycyclo ring system 657Bicyclo ring system 658Polycyclo ring system 659Dural rings carbon or more carbons which are unsubituted or have acyclic hydrocarbyl substituents only carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly thereto 656Polycyclo ring system 657Bicyclo ring system 658Polycyclo ring system 659Bicyclo ring system 650C.O bonded directly to benzene ring (e.g., acetophenone, etc.) 650Cambon to carbon unsaturation 651Ether oxygen sipate of the carbon or acyclic carbon or form or carbon which are unsubituted or have acyclic carbon or carbon shick are unsubstituents only carbon additionally has only hydrogen or acyclic carbon or acyclic carbon or acyclic carbon or acyclic carbon carbon additionally has only hydrogen or acyclic carbon carbon additionally has only hydrogen or acyclic hydrocarbyl substituents of the carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly to the same carbon carbon substituent carbon carbon carbon carbon carbon carbon carbon carbon carbon	-			
No. Benzene ring containing 646	645	· -		
646Benzene ring containing 647Amino nitrogen and a ring bonded directly to the same ring and any other amino nitrogen in the compound is bonded directly to one of the rings 648Two aryl rings or aryl ring systems bonded directly to the same acyclic carbon 650Amino nitrogen attached to aryl ring or aryl ring system by an acyclic carbon or acyclic chain 650The aryl ring or aryl ring system is bonded directly to another ring or ring system 651Elter oxygen is part of the chain 652Alkanol group only between the amino nitrogen and an ether oxygen which is bonded directly to the aryl ring or aryl ring system (i.e., aryloxy alkanol amines) 653Hydroxy, bonded directly to carbon, attached directly to carbon, attached directly to carbon or chain by acyclic carbon or chain by acyclic carbon or chain by acyclic carbon swhich are unsubtituted or have acyclic hydrocarbyl substituents only 655The aryl ring or aryl ring system and amino nitrogen are bonded directly to the same acylic carbon, which carbon additionally has only hydrogen or acyclic hydrocarbyl substituents bonded directly thereto 656Polycyclo ring system 657Bicyclo ring system 658Two benzene rings bonded 657Carbon to carbon unsaturation 658The aryl ring system 670Balogen bonded directly to carbon or aryl ring system 671Carbon to carbon unsaturation 672Balogen bonded directly to carbon 673Three or more amino nitrogens 674Bicyclo ring system 675Bicyclo ring system 676Bicyclo ring system 677Bicyclo ring system 688Two benzene rings bonded 680Polycyclo ring system 681Three or more amino nitrogens 682Bicyclo ring system 683Bicyclo ring system 684Fural amino nitrogen 685Bicyclo ring system 686Bicyclo ring system 687Bicyclo ring system 688Two benzene rings bonded 689Bicyclo ring system 680Bicyclo ring system 680Bicyclo ring system 681Bicyclo ring system 682Bicyclo ring system 683Bicyclo ring system 684Bicyclo ring syste				
647		•		_
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ring and any other amino nitrogen in the compound is bonded directly to one of the rings 648Two aryl rings or aryl ring systems bonded directly to the same acyclic carbon or acyclic chain sustential by an acyclic carbon or another ring or ring system is bonded directly to another ring or ring system of another ring or ring system than another ring or ring system of another ring or ring system than another ring or ring system of another ring or ring system or aryl ring system (i.e., aryloxy alkanol amines) of 681 or aryloxy alkanol amines) of 682 or aryloxy alkanol amines) of 683 or aryloxy alkanol amines) of 684 or aryloxy benethylamines, etc.) of 685 or arbon or chain by acyclic carbon or chain by acyclic carbon, which are unsubtituted or have acyclic hydroxyloxyloxyloxyloxyloxyloxyloxyloxyloxyl	647			-
nitrogen in the compound is bonded directly to one of the rings 669Polypther rings 669Polypther systems bonded directly to the same acyclic carbon 671Carbon to carbon unsaturation carbon anyl ring or aryl ring system by an acyclic carbon 672Halogen bonded directly to carbon acyclic chain 673 acyclic carbon 674 acyclic chain 675The aryl ring or aryl ring system 675Ether oxygen is part of the chain 675Ether oxygen which is bonded directly to haryl ring or aryl ring system 681Bicyclo ring system 682Bicyclo ring system 683Bidyclo ring system 684Bidyclo ring system 685The chain consists of two or more carbons which are unsubtituted or have acyclic hydrocarbyl substituents only substituents bonded directly to the same or acyclic hydrocarbyl substituents only substituents bonded directly to the same or acyclic hydrocarbyl substituents only substituents bonded directly to the same or acyclic hydrocarbyl substituents only substi		_		9
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o o o o o o o o o o o o o o o o o o o			695	With polycyclo compound
	658	<u> </u>	696	With alcohol

697	With nitrogen containing compound	732	<pre>Polycyclo ring system (e.g., naphthols, etc.)</pre>
698	With preservative or stabilizer	733	Acyclic carbon to carbon
699	Benzene ring containing		unsaturation
700	Polycyclo ring system	734	Two or more separate aryl-0-
701	Acyclic carbon to carbon		groups
	unsaturation	735	Nuclear halogenated
702	Sulfur containing	736	Additional benzene ring
703	Carbon to carbon unsaturation		containing
704	Nitrogen containing	737	Nuclear halogenated
705	Plural C=O groups	738	Polyhydroxy
706	.Sulfur, selenium or tellurium	739	Carbon to carbon unsaturated
, 0 0	compound (e.g., thioalcohols, mercaptans, etc.)	740	.Nitrogen containing compound DOAI
707	Persulfide (e.g., R-S-S-R,	741	Benzene ring containing
	etc.)	742	Polynitro
708	Oxygen bonded directly to	743	.Halogenated hydrocarbon DOAI
	sulfur (e.g., sulfoxides,	744	Unsaturated aliphatic compound
	etc.)	745	Alkyne
709	Plural oxygens bonded directly	746	Plural halogenated hydrocarbon
	to the same sulfur (e.g.,		compounds
	sulfones, etc.)	747	Carbocyclic
710	Acyclic carbon to carbon	748	Two benzene rings directly
	unsaturation		attached to an acyclic
711	Acyclic		hydrocarbon or acyclic
712	Thioether		halogenated hydrocarbon (e.g.,
713	Acyclic carbon to carbon		D.D.T., etc.)
	unsaturation	749	Fluorine containing
714	.Peroxide DOAI	750	\ldots With organic ether or -OH
715	.Ether DOAI		containing compound non-DOAI
716	Nitrogen containing	751	Benzene ring containing
717	Benzene ring containing	752	Alkyne
718	Plural oxygens	753	Polycyclo ring system
719	Alicyclic ring	754	Plural benzene rings
720	Acyclic carbon to carbon	755	Polycyclo ring system
	unsaturation	756	Bicyclo
721	Plural benzene rings	757	Two or more halogenated
722	Acyclic		hydrocarbons
723	Plural oxygens	758	Chlorine as only halogen
724	.C-O-group (e.g., alcohol,	759	Fluorine as only halogen
725	alcoholate, etc.) DOAI Vitamin A compound or	760	Bromine and chlorine as only halogens
	derivative	761	Bromine and fluorine as only
726	Diphenyl-substituted acyclic		halogens
	alcohol or alcoholate	762	.Hydrocarbon DOAI
727	Nitrogen containing	763	Carbocyclic
728	C of C-O- group is nuclear C	764	Benzene ring containing
	of a benzene ring (e.g.,	765	Polycyclo ring system
	phenol, phenolate, etc.)	766	Polycyclo ring system
729	Alicyclic ring containing	767	With phosphorus containing non-
730	Benzene ring containing		DOAI
731	C of C-O- group is nuclear C	768	With sulfur containing non-DOAI
	of a benzene ring (e.g.,	769	DESIGNATED INORGANIC NONACTIVE
	phenol, phenolate, etc.)		INGREDIENT OR ELEMENTAL MATERIAL OTHER THAN WATER

(e.g., clay, earth, etc.)	770	.Siliceous or calcareous material	803	KININ OR DERIVATIVES
	770			
	771			
TIMERDIENT CONTAINING OTHER	–		003	
THAN HYDROCARBON	7 7 2		806	
772.1				
organic polymer (e.g., grafting, blocking, etc.) 809 grafting, blocking, etc.) 809 772.2 .Polyvinyl alcohol 772.3 .Solid synthetic organic polymer 810 772.4 .Polymer from ethylenic monomers 811 .Alcohol 912 772.5Heterocyclic monomer 811 .Alcohol 912 772.6Carboxylic acid containing 814 .ANEMIA 815 .Sickle cell 815 .Sickle cell 816 .ANESTHETIC, GOMERAL 817 .ANESTHETIC, GOMERAL 818 .ANESTHETIC, GOMERA 818 .ANESTHETIC, GOMERAL 818 .ANESTHETIC, GOMERAL 818 .ANESTHET	772.1		007	
		_	808	
772.2 .Pelyvinyl alcohol				
772.3 .Solid synthetic organic polymer 811 .Alcohol 772.4 Polymer from ethylenic monomers only 812 .Alcohol 772.5 Heterocyclic monomer 813 .Tobacco 772.6 Carboxylic acid containing 814 .Sickle cell 772.7 Reterocyclic monomer 816 ANESTHETIC, TOPICAL 773 Peptide containing 817 ANESTHETIC, TOPICAL 774 Gelatin or derivative 818 ANESTHETIC, TOPICAL 775 Casein (milk protein) or derivative 820 .With antiflatulent 776 Calbumin or derivative 821 ANTIACRITYHMIC 777 Carboxydate or lignin, or derivative 824 ARTERIOSCLEROSIS 778 Starch or derivative 824 ARTERIOSCLEROSIS 789 Locust bean gum 826 ASTHMA 781 Cellulose or derivative 827 ASTRINGENT, NONFACIAL 782 Natural gum or resin 828 ASTHMA 783 Plant extract or plant material of undetermined constitutio	772.2		003	
772.4 Polymer from ethylenic monomers only only only only Narcotic	772.3		810	
Only 812 Narcotic Narcotic Tobacco Natural Name N	772.4			
772.5 Carboxylic acid containing monomer 814 mamMla mammal monomer 772.6 Carboxylic acid containing monomer 815 sickle cell 772.7 Heterocyclic monomer 816 ANESTHETIC, GENERAL 773Feptide containing elevative 818 ANESTHETIC, TOPICAL 774Gelatin or derivative 818 ANESTHETIC, TOPICAL 775Casein (milk protein) or derivative 820With antiflatulent 776Albumin or derivative 821With antiflatulent 777Carboxydrate or lignin, or derivative 821MITCOAGULATION 778Starch or derivative 824ANTICOAGULATION 779Algin or derivative 823ANTICOAGULATION 780Locust bean gum 826ARTERITIS 781Cellulose or derivative 827ARTERIOSCLEROSIS 782Algin or derivative 827ARTERITIS 783Flant extract or plant material of undetermined constitution 828Topical for the skin 784Carboxylic acid ester 832Animal (nonpoisonous) 785Carboxylic acid ester 832BLOOD SUBSTITUTE 786Glyceride 833BLOOD PLASMA EXTENDER 787Beeswax Glyceride 80Ber			-	
772.6	772.5	Heterocyclic monomer	-	
MONOMER	772.6	Carboxylic acid containing		
T772.7			_	
Peptide containing	772.7	Heterocyclic monomer		
Total	773	.Peptide containing		-
Case	774	Gelatin or derivative	_	-
Desirative	775	Casein (milk protein) or		-
776		derivative		-
Carbohydrate or lignin, or derivative 823 ANTICOAGULATION	776	Albumin or derivative		
Transmission	777	.Carbohydrate or lignin, or	_	
778		derivative	_	
779	778	Starch or derivative		
780Locust bean gum 781Cellulose or derivative 782 .Natural gum or resin 783 .Plant extract or plant material 784 .Carboxylic acid or salt thereof 785 .Carboxylic acid ester 786Glyceride 787Beeswax 788 .Nitrogen containing 788 .Nitrogen containing 788 .Nitrogen containing 788 .Nitrogen containing 789 MISCELLANEOUS (E.G.,	779	Algin or derivative		
781Cellulose or derivative 827 ASTRINGENT, NONFACIAL 782 .Natural gum or resin 828 .Topical for the skin 783 .Plant extract or plant material 829 BITE OR STING 784 .Carboxylic acid or salt thereof 831 .Animal (nonpoisonous) 785 .Carboxylic acid ester 832 BLOOD SUBSTITUTE 786Glyceride 833 BLOOD PLASMA EXTENDER 787Beeswax 834 COAGULANT 788 .Nitrogen containing 835 CARIES 788 .Nitrogen containing 836 CHELATE 788 DERIVED SOLELY FROM 837 CHOLERA 789 HYDROCARBON REACTANTS AS DESIGNATED ORGANIC NONACTIVE 1NOREDIENT CONTAINING 840 .Chemical sterilizing 789 MISCELLANEOUS (E.G., 841 CONTRACEPTIVE 1NON-mammal 843 .Female (mammal) 789 MISCELLANEOUS (E.G., 841 CONTRACEPTIVE 1NON-mammal 844 COSMETIC, FACIAL 845 .Liquid make-up 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 849 .COUGH AND COLD PREPARATION ANTICIPATIVES 850 .Antitussive 850 .Antitussive 850 .DANDRUFF	780	Locust bean gum		
782	781	Cellulose or derivative		
Plant extract or plant material of undetermined constitution of undetermin	782	.Natural gum or resin	_	
of undetermined constitution 830 .Insect 784 .Carboxylic acid or salt thereof 831 .Animal (nonpoisonous) 785 .Carboxylic acid ester 832 BLOOD SUBSTITUTE 786Glyceride 833 BLOOD PLASMA EXTENDER 787Beeswax 834 COAGULANT 788 .Nitrogen containing 835 CARIES 788.1 SOLID SYNTHETIC ORGANIC POLYMER 836 CHELATE DERIVED SOLELY FROM 837 CHOLERA HYDROCARBON REACTANTS AS 838 CIRROSIS DESIGNATED ORGANIC NONACTIVE 839 CONTACT LENS TREATMENT INGREDIENT CONTAINING 840 .Chemical sterilizing 789 MISCELLANEOUS (E.G., 841 CONTRACEPTIVE HYDROCARBONS, ETC.) 842 .Non-mammal Female (mammal) SCROSS-REFERENCE ART COLLECTIONS 846 .Cleansing cream or lotion 800 LHRH LIKE 846 .Cleansing cream or lotion 801 COLLAGEN, GELATIN OR DERIVATIVES 849 COUGH AND COLD PREPARATION THEREOF 850 .Antitussive COAGULATION FACTORS OR 852 DANDRUFF	783	.Plant extract or plant material		-
784 .Carboxylic acid or salt thereof 831 .Animal (nonpoisonous) 785 .Carboxylic acid ester 832 BLOOD SUBSTITUTE 786Glyceride 833 BLOOD PLASMA EXTENDER 787Beeswax 834 COAGULANT 788 .Nitrogen containing 835 CARIES 788.1 SOLID SYNTHETIC ORGANIC POLYMER 836 CHELATE DERIVED SOLELY FROM 837 CHOLERA HYDROCARBON REACTANTS AS 838 CIRRHOSIS DESIGNATED ORGANIC NONACTIVE 1NGREDIENT CONTAINING 840 CONTACT LENS TREATMENT 789 MISCELLANEOUS (E.G., 841 CONTACEPTIVE 1NON-mammal 843 .Female (mammal) 844 CONTRACEPTIVE CROSS-REFERENCE ART COLLECTIONS 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 848 .Facial astringent 849 COUGH AND COLD PREPARATION AND COAGULATION FACTORS OR 850 DANDRUFF		of undetermined constitution		
785 .Carboxylic acid ester 786Glyceride 787Beeswax 788 .Nitrogen containing 788.1 SOLID SYNTHETIC ORGANIC POLYMER A HYDROCARBON REACTANTS AS DESIGNATED ORGANIC NONACTIVE INGREDIENT CONTAINING 789 MISCELLANEOUS (E.G., HYDROCARBONS, ETC.) CROSS-REFERENCE ART COLLECTIONS 800 LHRH LIKE 801 COLLAGEN, GELATIN OR DERIVATIVES 802 FIBRINOPEPTIDES, BLOOD- COAGULATION FACTORS OR DEPTIVATIVES 834 COAGULANT 835 CARIES CHELATE COAGULANT 836 CHELATE 837 CHOLERA CHELATE 838 CIRRHOSIS CONTACT LENS TREATMENT CONTRACEPTIVE 842 .Non-mammal 843 .Female (mammal) 844 COSMETIC, FACIAL 845 .Liquid make-up 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 849 COUGH AND COLD PREPARATION 850 .Antitussive 851 CYSTIC FIBROSIS DANDRUFF	784	.Carboxylic acid or salt thereof		
786Glyceride 833 BLOOD PLASMA EXTENDER 787Beeswax 834 COAGULANT 788 .Nitrogen containing 835 CARIES 788.1 SOLID SYNTHETIC ORGANIC POLYMER 836 CHELATE DERIVED SOLELY FROM 837 CHOLERA HYDROCARBON REACTANTS AS DESIGNATED ORGANIC NONACTIVE 839 CONTACT LENS TREATMENT INGREDIENT CONTAINING 840 .Chemical sterilizing 789 MISCELLANEOUS (E.G., 841 CONTRACEPTIVE HYDROCARBONS, ETC.) 842 .Non-mammal 843 .Female (mammal) 844 COSMETIC, FACIAL CROSS-REFERENCE ART COLLECTIONS 845 .Liquid make-up 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 849 COUGH AND COLD PREPARATION 840 LHRH LIKE 848 .Facial astringent 841 COUGH AND COLD PREPARATION 842 .Antitussive 843 .Facial STRINGEN 844 .Facial STRINGEN 845 .Liquid make-up 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 849 .Antitussive 840 .Antitussive 840 .Antitussive 850 .Antitussive 851 .CYSTIC FIBROSIS 852 .DANDRUFF	785	.Carboxylic acid ester		_
788 .Nitrogen containing 835 CARIES 788.1 SOLID SYNTHETIC ORGANIC POLYMER 836 CHELATE DERIVED SOLELY FROM 837 CHOLERA HYDROCARBON REACTANTS AS 838 CIRRHOSIS DESIGNATED ORGANIC NONACTIVE 1NGREDIENT CONTAINING 840 .Chemical sterilizing 789 MISCELLANEOUS (E.G., 841 CONTRACEPTIVE Non-mammal 843 .Female (mammal) 844 COSMETIC, FACIAL CROSS-REFERENCE ART COLLECTIONS 845 .Liquid make-up .Facial moisturizer 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 848 .Facial astringent 848 .Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 .Antitussive COMPUTATIVES 850 ANDRUFF	786	Glyceride	833	
788.1 SOLID SYNTHETIC ORGANIC POLYMER DERIVED SOLELY FROM HYDROCARBON REACTANTS AS DESIGNATED ORGANIC NONACTIVE INGREDIENT CONTAINING MISCELLANEOUS (E.G., HYDROCARBONS, ETC.) REPRESENTED ART COLLECTIONS BASS CHELATE CONTACT LENS TREATMENT CONTACT LENS TREATMENT CONTRACEPTIVE Non-mammal SHAD CONTRACEPTIVE Non-mammal SHAD COSMETIC, FACIAL Liquid make-up Cleansing cream or lotion SHAD COLLAGEN, GELATIN OR DERIVATIVES SHAD THEREOF SHAD COUGH AND COLD PREPARATION THEREOF ANTITUDES COAGULATION FACTORS OR DEPLYATIVES DEPLYATIVES DEPLYATIVES AND CHELATE CHOLECT SHAD CONTACT LENS TREATMENT CONTACT LENS TREATMENT AND CONTACT LENS TREATMENT SHAD CONTACT LENS TREATMENT AND CONTACT LENS TREATMENT CONTACT LENS TREATMENT AND CONTACT LENS TREATMENT SHAD CONTACT LENS TREATMENT AND CONTACT LENS TREATMENT CONTACT AND CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CONTACT BASS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CIRHOSIS CONTACT CONTACT BASS CONTACT BASS CONTACT BASS CONTACT BASS CONTACT BASS CONTACT CONTACT BASS CONTACT BASS CONTACT BASS CONTACT CONTACT BASS CONTACT BASS CONTACT CONTACT BASS CONTAC	787	Beeswax	834	COAGULANT
788.1 SOLID SYNTHETIC ORGANIC POLYMER DERIVED SOLELY FROM HYDROCARBON REACTANTS AS DESIGNATED ORGANIC NONACTIVE INGREDIENT CONTAINING ***MISCELLANEOUS (E.G., HYDROCARBONS, ETC.)** ***CROSS-REFERENCE ART COLLECTIONS** ***CROSS-REFERENCE ART COLLECTIONS** ***SOLUTIONS** ***CROSS-REFERENCE ART COLLECTIONS** ***SOLUTIONS** ***CROSS-REFERENCE ART COLLECTIONS** ***SOLUTIONS**	788	.Nitrogen containing	835	CARIES
DERIVED SOLELY FROM HYDROCARBON REACTANTS AS BASE CIRRHOSIS DESIGNATED ORGANIC NONACTIVE INGREDIENT CONTAINING MISCELLANEOUS (E.G., HYDROCARBONS, ETC.) REPRESENTE ART COLLECTIONS BASE CONTACT LENS TREATMENT CONTRACEPTIVE Non-mammal REAL CONTRACEPTIVE REAL CONTRACEPTIVE REAL COMMETIC, FACIAL Liquid make-up REAL COLLECTIONS REFERENCE ART COLLECTIONS BASE CIRRHOSIS CONTACT LENS TREATMENT LONG LANGUAGE REAL CONTRACEPTIVE R	788.1	SOLID SYNTHETIC ORGANIC POLYMER		CHELATE
DESIGNATED ORGANIC NONACTIVE INGREDIENT CONTAINING MISCELLANEOUS (E.G., HYDROCARBONS, ETC.) REPORT AND CONTROL TREATMENT ON THE PROOF ART COLLECTIONS BY CONTRACEPTIVE Non-mammal Female (mammal) CROSS-REFERENCE ART COLLECTIONS REPORT ART COLLECTIONS BY COSMETIC, FACIAL REPORT ART COLLECTIONS BY COMMETCE REPORT ART COLLECTIONS BY COMMETCE REPORT ART COLLECTIONS BY COUGH AND COLD PREPARATION THEREOF REPORT ART COLLECTIONS BY COUGH AND COLD PREPARATION THEREOF REPORT ART COLLECTIONS REPOR		DERIVED SOLELY FROM		CHOLERA
INGREDIENT CONTAINING 839 CONTACT LENS TREATMENT 840 Chemical sterilizing 841 CONTRACEPTIVE 842 Non-mammal Female (mammal) 843 Female (mammal) 844 COSMETIC, FACIAL 845 Liquid make-up 846 Cleansing cream or lotion 847 Facial moisturizer 848 Facial astringent 848 Facial astringent 849 COUGH AND COLD PREPARATION 850 Antitussive 851 CYSTIC FIBROSIS DEPLYATIVES 852 DANDRUFF		HYDROCARBON REACTANTS AS	838	CIRRHOSIS
MISCELLANEOUS (E.G., HYDROCARBONS, ETC.) 841 CONTRACEPTIVE 842 .Non-mammal .Female (mammal) 843 .Female (mammal) 844 COSMETIC, FACIAL 845 .Liquid make-up 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 848 .Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 Antitussive 851 COAGULATION FACTORS OR 851 DEPLYATIVES				CONTACT LENS TREATMENT
HYDROCARBONS, ETC.) 841 842 .Non-mammal .Female (mammal) 844 COSMETIC, FACIAL 845 .Liquid make-up 846 .Cleansing cream or lotion 847 .Facial moisturizer 848 .Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 Antitussive COAGULATION FACTORS OR DEPLYATIVES 852 DANDRUFF		INGREDIENT CONTAINING	840	.Chemical sterilizing
CROSS-REFERENCE ART COLLECTIONS 842 Separate (mammal) 844 COSMETIC, FACIAL 845 Liquid make-up 846 Cleansing cream or lotion 847 Facial moisturizer 848 Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 Antitussive COAGULATION FACTORS OR DEPLYATIVES ASSOCIATION FACTORS OR DEPLYATIVES S42 COSMETIC, FACIAL 845 Cleansing cream or lotion 847 Facial astringent COUGH AND COLD PREPARATION Antitussive CYSTIC FIBROSIS DANDRUFF	789	· •	841	CONTRACEPTIVE
CROSS-REFERENCE ART COLLECTIONS 845 845 846 846 846 847 846 847 847 847 848 848 848 848 848 848 848		HYDROCARBONS, ETC.)	842	.Non-mammal
CROSS-REFERENCE ART COLLECTIONS 846 Cleansing cream or lotion 847 Facial moisturizer 848 Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 Antitussive COAGULATION FACTORS OR DEPLYATIVES 851 CYSTIC FIBROSIS DANDRUFF			843	.Female (mammal)
CROSS-REFERENCE ART COLLECTIONS 846 Cleansing cream or lotion 847 Facial moisturizer 848 Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 Antitussive COAGULATION FACTORS OR DEPLYATIVES 852 DANDRUFF			844	COSMETIC, FACIAL
CROSS-REFERENCE ART COLLECTIONS 846 Cleansing cream or lotion 847 Facial moisturizer 848 Facial astringent 849 COUGH AND COLD PREPARATION THEREOF 850 Antitussive COAGULATION FACTORS OR DEPLYATIVES 852 DANDRUFF			845	.Liquid make-up
800 LHRH LIKE 848 .Facial astringent 801 COLLAGEN, GELATIN OR DERIVATIVES 849 COUGH AND COLD PREPARATION THEREOF 850 .Antitussive 802 FIBRINOPEPTIDES, BLOOD- 851 CYSTIC FIBROSIS COAGULATION FACTORS OR 852 DANDRUFF	CROSS-R	EFERENCE ART COLLECTIONS	846	.Cleansing cream or lotion
801 COLLAGEN, GELATIN OR DERIVATIVES THEREOF 802 FIBRINOPEPTIDES, BLOOD- COAGULATION FACTORS OR DEPLYATIVES COLLAGEN, GELATIN OR DERIVATIVES 849 COUGH AND COLD PREPARATION Antitussive CYSTIC FIBROSIS DANDRUFF DANDRUFF			847	3
COLLAGEN, GELATIN OR DERIVATIVES THEREOF 802 FIBRINOPEPTIDES, BLOOD- COAGULATION FACTORS OR DEPLYATIVES COUGH AND COLD PREPARATION Antitussive CYSTIC FIBROSIS DANDRUFF DANDRUFF			848	.Facial astringent
THEREOF 850 .Antitussive 802 FIBRINOPEPTIDES, BLOOD- 851 CYSTIC FIBROSIS COAGULATION FACTORS OR 852 DANDRUFF DEPLYATIVES	801	COLLAGEN, GELATIN OR DERIVATIVES		5
802 FIBRINOPEPTIDES, BLOOD- 851 CYSTIC FIBROSIS COAGULATION FACTORS OR 852 DANDRUFF DEPLYATIVES				
COAGULATION FACTORS OR 852 DANDRUFF	802	-		CYSTIC FIBROSIS
DERIVATIVES 853 DECONGESTANT			852	DANDRUFF
		DERIVATIVES	853	DECONGESTANT

854	.Vasoconstrictor	906	MUSCLE RELAXANT
855	.Expectorant	907	MUSCULAR DYSTROPHY
000	DERMATITIS	908	LEUKEMIA
858	.Athlete's foot	909	OBESITY
859	.Acne	910	.Anorectic
860	.Cellulitis	911	.Bulking agent
861	.Eczema	912	OPHTHALMIC
862	.Poison (ivy, oak, sumac)	913	.Glaucoma
863	.Psoriasis	914	.Inflammation
864	.Seborrhea	915	.Wetting agent
865	.Diaper rash	916	PYRETIC
866	DIABETES	917	RADIOACTIVE, ANTI-
867	DIARRHEA	918	REPELLENT
868	DISTEMPER	919	Insect
869	DIURETIC	920	.Mammal
870	EDEMA	921	SHOCK
871	.Topical	922	SIDE EFFECT REDUCTION BY
872	EMESIS (MOTION SICKNESS-NAUSEA)	222	INCORPORATION OF A SECOND
873	EMOLLIENT		DESIGNATED INGREDIENT
874	ESTROGENIC AGENT	923	SLEEP AID (INSOMNIA)
074	(NONCONTRACEPTIVE)	924	TUBERCULOSIS
875	FLEA CONTROL	925	ULCER TREATMENT
876	.Collar type	926	.Duodenal
877	GALLSTONE	927	.Peptic
878	GERIATRICS	928	.Topical
879	.Senility	929	VASODILATOR
880	HAIR TREATMENT (THERAPEUTIC-	930	VASOCONSTRICTOR (NONDECONGESTANT)
000	SCALP)	931	VENERAL DISEASE
881	.Shampoo	932	.Gonorrhea
882	HEMORRHOID PREPARATION	933	.Syphilis
883	HODGKIN'S DISEASE	934	.Virus
884	HYPOGLYCEMIA	935	UTERINE MOTILITY
885	IMMUNE RESPONSE AFFECTING DRUG	333	LIQUID CARRIER, DILUENT OR
886	INFLAMMATION, SKIN		SOLVENT
887	.Topical Treatment	936	DMSO CONTAINING
888	INFLUENZA	937	DISPERSION OR EMULSION
889	INTERFERON INDUCER	938	.Oil-water type
890	IRRITANT (E.G., TEAR GAS, ETC.)	939	Mineral oil-water type
891	KIDNEY STONE	940	Quick break type
892	LAXATIVE	941	Polyoxyalkylated compound
893	LIVER DISORDER	711	containing
894	.Hepatitis	942	Organic sulfonate, sulfate or
895	MALARIA	3 12	sulfite containing
896	MEASLES	943	Higher fatty acid or
897	.Rubella	313	derivative containing
898	MENINGITIS	944	GEL
899	MENSTRUAL DISORDER	945	FOAM
099	MOUTH TREATMENT	946	PENETRANT OR ABSORBENT (ENHANCES
900	.Periodontitis		PENETRATION INTO SUBJECT
900	.Mouthwash		TREATED)
901	.Mouthwash .Gingival	947	.Topical application
902	.Gingival MULTIPLE SCLEROSIS		SOLID CARRIER OR SOLID DILUENT
903	MULTIPLE SCLEROSIS MULTIPLE VITAMINS	948	SOLID CANDY TYPE
904	.With mineral		
203	·MICH WITHELAT		

949	NATURALLY DERIVED CLAY (E.G., BENTONITE, ETC.)	
950	MACROMOLECULAR (OTHER THAN	
	SYNTHETIC RESINS)	FOREIGN ART COLLECTIONS
951	POWDERS, GRANULES OR PARTICLES OF	
	SPECIFIED MESH OR PARTICLE SIZE	FOR 000 CLASS-RELATED FOREIGN DOCUMENTS
952	.Wettable	Any foreign patents or non-patent litera-
953	SHAPED FORMS ADAPTED FOR	ture from subclasses that have been
	NONINGESTIBLE USE OTHER THAN	reclassified have been transferred
	SUPPOSITORY TYPE (E.G., FILMS,	directly to FOR Collections listed below.
	INSERTS, ETC.)	These Collections contain ONLY foreign
954	.Ocular	patents or non-patent literature. The par-
955	Biodegradable type	enthetical references in the Collection
956	.Aural or otic (i.e., ear)	titles refer to the abolished subclasses
	GASEOUS OR GAS EMITTING CARRIER OR PROPELLANT	from which these Collections were derived.
957	VAPOR EMMITTING COMPOSITION	
958	FOR SMOKING OR INHALING	
959	BREATHING GASES	DESIGNATED ORGANIC ACTIVE
	PILL, LOZENGE, TABLET OR CAPSULE	INGREDIENT CONTAINING (DOAI)
960	SIGNIFICANT, TABLET FORMULATION	.Heterocyclic carbon compounds
700	(E.G., DESIGNATED EXCIPIENT,	containing a hetero ring
	DISINTEGRANT, GLYDENT OR	having chalcogen (i.e., 0,S,Se
	LUBRICANT, ETC.)	or Te) or nitrogen as the only
961	.Binder therefor	ring hetero atoms DOAI
962	CAPSULE (E.G., GELATIN, ETC.)	Hetero ring is six-membered
963	.Microcapsule-sustained or	consisting of two nitrogens
	differential release	and four carbon atoms (e.g.,
964	SUSTAINED OR DIFFERENTIAL RELEASE	pyridazines, etc.)
	TYPE	FOR $100 \dots 1, 2-$ or $1, 4-$ diazine compound
965	.Discrete particles in supporting matrix	having two or more hetero rings (514/252)
	SUPPOSITORY, BOUGIE OR BASE	FOR $101 \ldots$ Hetero ring other than 1,2-
966	RECTAL	or 1,4-diazine is part of a
967	VAGINAL	polycyclo ring system (514/
968	URETHRAL	253)
969	OINTMENT OR SALVE BASE	FOR 102Diazine is bonded directly
	SPECIAL DESIGNATED INGREDIENT	to the polycyclo ring system
970	CONTAINING DESIGNATED INGREDIENT	(514/254) FOR 1031,4-diazines (514/255)
	TO STABILIZE AN ACTIVE	FOR 1031,4-diazines (514/255) FOR 104 HETERO RING IS FOUR-MEMBERED AND
	INGREDIENT	INCLUDES AT LEAST ONE NITROGEN
971	.Crystallization point depressant	ATOM (514/210)
	or cold stabilizer containing	FOR 105 HETERO RING IS SEVEN-MEMBERED AND
972	.Ultraviolet light stabilizer	INCLUDES AT LEAST ONE NITROGEN
252	containing	ATOM AND AT LEAST ONE HETERO
973	.Sulfur compound additive as	ATOM OTHER THAN NITROGEN (514/
	stabilizer (e.g., sulfites,	211)
774	etc.)	FOR 106 HETERO RING IS SEVEN-MEMBERED
974	CONTAINING DESIGNATED INGREDIENT TO REDUCE NOXIOUS EFFECTS OF	CONSISTING OF ONE NITROGEN AND
	ACTIVE INGREDIENT (E.G., TASTE	SIX CARBON ATOMS (514/212)
	MASKING, ODOR REDUCING, ETC.)	FOR 107 .Polycyclo ring system having the
975	CHARACTERIZED BY THE DESIGNATED	seven-membered hetero ring as
	SURFACTANT USED	one of the cyclos (514/213)

- FOR 108 ..Ring nitrogen is shared by two or three of the cyclos (514/214)
- FOR 109 .Peptide containing (e.g., protein, peptones, fibrinogen, etc.) DOAI (514/2)
- FOR 110 .. Insulin or derivative (514/3)
- FOR 111 ...With an additional active ingredient (514/4)
- FOR 112 .. Iodine containing (514/5)
- FOR 113 .. Heavy metal containing (e.g., hemoglobin, etc.) (514/6)
- FOR 114 .. Phosphorus containing (514/7)
- FOR 115 ..Glycoprotein (carbohydrate containing) (514/8)
- FOR 116 .. Cyclopeptides (514/9)
- FOR 117 ...Bicyclic (514/10)
- FOR 118 ... Monocyclic (514/11)
- FOR 119 ..25 or more peptide repeating units in known peptide chain structure (514/12)
- FOR 120 ..16 to 24 peptide repeating units in known peptide chain (514/13)
- FOR 121 ..12 to 15 peptide repeating units in known peptide chain (514/14)
- FOR 122 ..9 to 11 peptide repeating units in known peptide chain (514/ 15)
- FOR 123 ..7 or 8 peptide repeating units in known peptide chain (514/16)
- FOR 124 ..5 or 6 peptide repeating units in known peptide chain (514/17)
- FOR 125 ..3 or 4 peptide repeating units in known peptide chain (514/ 18)
- FOR 126 ..2 peptide repeating units in known peptide chain (514/19)
- FOR 127 ... Guanidine containing (514/20)
- FOR 128 ..Produced by or extracted from animal tissue (514/21)

DIG 1 .RU 486 (i.e., RU 38486, RU 486-6, Mifepristone, Mifestone, Mifegyne, (11B-[4-(N, N-dimethylamino) phenyl]-17a-(prop-1-ynyl)-^4,9-estradiene-17B-ol-3-one, (11B,17B)11-[4-(dimethylamino)-phenyl]-17-hydroxy-17-(1-propynyl) estra-4,9-dien-3-one)

DIGESTS