

- 1.11 **RADIONUCLIDE OR INTENDED  
RADIONUCLIDE CONTAINING;  
ADJUVANT OR CARRIER  
COMPOSITIONS; INTERMEDIATE OR  
PREPARATORY COMPOSITIONS**
- 1.13 .In aerosol, fine spray,  
effervescent, pressurized  
fluid, vapor or gas, or  
complete composition therefor
- 1.17 .Attached to or within viable or  
inviabile whole micro-organism,  
cell, virus, fungus or  
specified sub-cellular  
structure thereof (e.g.,  
platelet, red blood cell)
- 1.21 .Molecular bilayer structure  
(e.g., vesicle, liposome)
- 1.25 .Dissolving or eluting from solid  
or gel matrix (e.g., capsule,  
tablet)
- 1.29 .Coated, impregnated, or  
colloidal particulate (e.g.,  
microcapsule, micro-sphere,  
micro-aggregate, macro-  
aggregate)
- 1.33 ..Delivery to active site  
involves particle dissolving,  
degrading, or otherwise  
releasing of radionuclide
- 1.37 ..Radionuclide or intended  
radionuclide in an organic  
compound
- 1.41 .Attached to lymphokine,  
cytokine, or other secreted  
growth regulatory factor,  
differentiation factor, or  
intercellular mediator  
specific for a hematopoietic  
cell (e.g., interferon,  
interleukin, macrophage  
factor, colony stimulating  
factor, erythropoietin);  
derivative thereof
- 1.45 .Attached to cyclopentano-  
hydrophenanthrene (e.g.,  
cholesterol, bile acid,  
steroids, cholane), hormone,  
or neurotransmitter, or other  
secreted growth regulatory  
factor, differentiation  
factor, or intercellular  
mediator (e.g., T3, T4,  
insulin, human chorionic  
gonadotropin, intragonadal  
regulatory protein, Mullerian  
inhibiting substance, inhibin,  
epidermal growth factor, nerve  
growth factor, dopamine,  
norepinephrine); derivative  
thereof
- 1.49 .Attached to antibody or antibody  
fragment or immunoglobulin;  
derivative
- 1.53 ..Attachment via an added element  
(e.g., bifunctional compound  
or coordinate, coupling agent,  
spacer compound, bridging  
compound, conjugated chelate)
- 1.57 .Attached to antigen or hapten;  
derivative thereof
- 1.61 .In an inorganic compound
- 1.65 .In an organic compound
- 1.69 ..Attached to peptide or protein  
of 2+ amino acid units (e.g.,  
dipeptide, folate, fibrinogen,  
transferrin, sp. enzymes);  
derivative thereof
- 1.73 ..Attached to carbohydrate  
compound; derivative thereof  
(e.g., DNA, nucleotide,  
nucleoside, sugar, starch,  
tannin, saccharide,  
polysaccharide, cellulose, O-  
N- and S-glycoside, vitamin  
B12)
- 1.77 ..Phosphorus-containing organic  
compound
- 1.81 ..Nonmetal radionuclide or  
intended radionuclide (e.g.,  
carbon)
- 1.85 ...Halogen
- 1.89 ....Fluorine
- 9.1 **IN VIVO DIAGNOSIS OR IN VIVO  
TESTING**
- 9.2 .Testing efficacy or toxicity of  
a compound or composition  
(e.g., drug, vaccine, etc.)

- 9.3 .Magnetic imaging agent (e.g., NMR, MRI, MRS, etc.)
- 9.31 ..Clay or zeolite containing
- 9.32 ..Particle containing a transition, actinide, or lanthanide metal (e.g., hollow or solid particle, granule, etc.)
- 9.321 ...Liposome
- 9.322 ...Polymer containing (e.g., polypeptide, synthetic resin, etc.)
- 9.323 ...Metal is paramagnetic
- 9.33 ..Nitroxide or nitroxide containing
- 9.34 ..Polypeptide attached to or complexed with the agent (e.g., protein, antibody, etc.)
- 9.341 ...The region of the imaging agent responsible for binding to an in vivo target or the region of the target responsible for binding to the agent is specifically recited functionally or as a sequence of amino acids, carbohydrate residues, or nucleic acids
- 9.35 ..Carbohydrate or derivative thereof attached to or complexed with the agent
- 9.351 ...The region of the imaging agent responsible for binding to an in vivo target or the region of the target responsible for binding to the agent is specifically recited functionally or as a sequence of amino acids, carbohydrate residues, or nucleic acids
- 9.36 ..Transition, actinide, or lanthanide metal containing
- 9.361 ..Heterocyclic compound is attached to or complexed with the metal
- 9.362 ....Porphyrin or derivative thereof
- 9.363 ....Hetero ring contains at least eight members
- 9.364 ...Polyamino-polycarbonyl moiety attached to or complexed with the metal
- 9.365 ....Contains at least one -C(=O)-N- group
- 9.37 ..Imageable halogen containing
- 9.4 .X-ray contrast imaging agent (e.g., computed tomography, angiography, etc.)
- 9.41 ..Barium containing
- 9.411 ...Polymer containing (e.g., polypeptide, synthetic resin, etc.)
- 9.42 ..Transition, actinide, or lanthanide metal containing
- 9.43 ..Carbohydrate or derivative thereof attached to or complexed with the agent
- 9.44 ..Hetero ring containing
- 9.45 ..Halogenated benzene ring containing
- 9.451 ...Two or more halogenated benzene rings in the same compound
- 9.452 ...Three or more amide groups are attached directly to the same benzene ring by nonionic bonding
- 9.453 ...Carbonyl of a carboxylic acid or salt thereof attached directly to the benzene ring
- 9.454 ...Three or more amide groups are attached directly to the same benzene ring by nonionic bonding
- 9.455 ...Carbonyl of a carboxylic acid or salt thereof attached directly to the benzene ring
- 9.5 .Ultrasound contrast agent
- 9.51 ..Liposome containing
- 9.52 ..Stable gas bubbles containing or intentional solubilized gas containing
- 9.6 .Diagnostic or test agent produces in vivo fluorescence
- 9.61 ..Porphyrin or derivative thereof
- 9.7 .Diagnostic or test agent produces visible change in mouth
- 9.71 ..Plaque detection
- 9.8 .Diagnostic or test agent produces visible change on skin
- 9.81 ..Visible immune reaction (e.g., allergy testing, etc.)
- 10.1 **IDENTIFICATION OR WARNING FEATURE**
- 10.2 .Printed or embossed unitary dosage form
- 10.3 .Color or color change feature

10.31	..Combined with animal or insect repellent or insecticide (e.g., shark, fish, roach, etc.)	418 419 420	....Protein or derivative or polysaccharide or derivative ....Natural or synthetic resin ....Waxes, fatty acids, etc. (e.g., liposome, etc.)
10.32	..Combined with ophthalmic or dentifrice preparation	421	....Inorganic particle
10.4	.Taste or smell or chemical irritation to the eye, nose, or mouth feature	422 423 424	.Implant or insert ..Surgical implant or material
40	<b>COMBUSTIBLE OR CHEMICALLY REACTIVE TO PRODUCE A SMOKE, MIST OR AEROSOL</b>	425 426	...Membrane or diffusion barrier ....Diffusion barrier is matrix ...Erodable, resorbable, or dissolving
41	.Elemental sulfur containing	427	..Ocular
42	.Nitrate containing	428	...Bioerrodable, resorbable, or dissolving
400	<b>PREPARATIONS CHARACTERIZED BY SPECIAL PHYSICAL FORM</b>	429	...Contact lens
401	.Cosmetic, antiperspirant, dentifrice	430 431	..Vaginal, urethral, uterine ...Tampon
402	.Wearing apparel, fabric, or cloth	432 433	...IUD or ring ...Depot, pellet, matrix, or suppository
403	..Insect repellent or mothproofed	434	..Mucosal (e.g., nasal, etc.)
404	..Antifungal or antibacterial	435	...Mouth
405	.Biocides; animal or insect repellents or attractants (e.g., disinfectants, pesticides, etc.)	436 437	...Anal, rectal (e.g., suppositories, etc.) ..Otic
406	..Ingredients for reducing the noxious effect of the active substances to organisms other than pest (e.g., toxicity reducing compositions, self-destructing compositions, etc.)	438 439	.Specially adapted for ruminant animal .Food or edible as carrier for pharmaceutical
407	..Containing material to enhance the sticking of the active ingredients	440 441 442 443	..Candy, candy coated or chewing gum ..Chewable tablet or wafer ..Animal food .Web, sheet or filament bases; compositions of bandages; or dressings with incorporated medicaments
408	..Capsule or pelleted or tablet	444	..Resorbable by the body
409	..Solid as carrier or diluent	445	..Dressings
410	...Impregnated or coated food or edible simulative of food (e.g., bait, poison, etc.)	446	...Medicated gauze pads
411	...Impregnated or coated nominal articles (e.g., flea collars, etc.)	447	..Bandages with incorporated medicaments
412	....Packaging, cordage building material or container	448	...Pressure sensitive adhesive means
413	....Cellulosic material or building material	449 450	...Transdermal or percutaneous .Liposomes
414	...Impregnated or coated paper or foil	451	.Capsules (e.g., of gelatin, of chocolate, etc.)
415	....Wrapping paper	452	..With claimed designated perfecting feature in contents (e.g., excipient, lubricant, etc.)
416	....Insecticidal paper or foil	453	..Telescoping two piece
417	...Coated particulate form (e.g., liposome, etc.)		

454	...With tamperproof, locking, or sealing feature	484	.Matrices
455	..Containing emulsions, dispersions, or solutions	485	..Natural gums, resin or latex
456	..Gelatin	486	..Synthetic polymer
457	..Sustained or differential release	487	...Acrylic acid and derivatives
458	...Containing discrete coated particles pellets, granules, or beads	488	..Polysaccharides (e.g., cellulose, etc.)
459	....Organic coatings	489	.Particulate form (e.g., powders, granules, beads, microcapsules, and pellets)
460	....Containing proteins or derivatives thereof (e.g., gelatin, etc.)	490	..Coated (e.g., microcapsules)
461	....Containing polysaccharide (e.g., cellulose sugars, etc.)	491	...Containing proteins and derivatives
462	....Containing solid synthetic polymers	492	....Gelatin
463	..Coated capsules	493	...Containing polysaccharides (e.g., sugars)
464	.Tablets, lozenges, or pills	494	....Cellulose derivatives
465	..With claimed perfecting feature in contents (e.g., excipient, lubricant, etc.)	495	....Ethyl cellulose
466	..Effervescent	496	...Containing natural gums/resins
467	..Printed, embossed, grooved, or perforated	497	...Containing solid synthetic polymers
468	..Sustained or differential release type	498	...Containing waxes, higher fatty acids, higher fatty alcohols, or derivatives thereof
469	...Discrete particles in supporting matrix	499	..Contains proteins or derivative or polysaccharides or derivative
470	....Where particles are granulated	500	..Contains natural gums and resins
471	...Plural concentric cores	501	..Contains solid synthetic resin
472	...Layered unitary dosage forms	502	..Contains waxes, higher fatty acids, higher fatty alcohols
473	...With porous, perforated, apertured, or sieved layer (e.g., dialyzing layer, microporous layer, etc.)	43	<b>EFFERVESCENT OR PRESSURIZED FLUID CONTAINING</b>
474	..Coated pills or tablets	44	.Gas produced in situ by chemical reaction
475	...Organic coatings	45	.Organic pressurized fluid
476	....Containing waxes, higher fatty acids, higher fatty alcohols, or derivatives thereof (e.g., chocolate)	46	..Powder or dust containing
477	....Containing proteins or derivatives thereof	47	..Topical live body grooming or adorning aid (e.g., hair spray, antiperspirant, etc.)
478	....Gelatin containing	48	<b>CHEWING GUM TYPE</b>
479	....Containing polysaccharide (e.g., sugar, etc.)	49	<b>DENTIFRICES (INCLUDES MOUTH WASH)</b>
480	....Cellulose or derivative	50	.Ferment containing (e.g., enzymes, bacteria, etc.)
481	....Containing natural gums or resins	51	.Iodine or iodine compound containing
482	....Containing solid synthetic polymers	52	.Fluorine or fluorine compound containing
483	...Ion-exchange resins	53	.Oxygen or chlorine releasing compound containing
		54	.Ammonia, amine, or derivative thereof (e.g., urea, etc.)
		55	.Hydroxy carboxylic acid or derivative thereof (e.g., methyl salicylate, etc.)

56	.Organic sulfate or sulfonate containing	70.22	.Anionic surfactant containing
57	.Phosphate compound containing	70.23	..Phosphorous containing
58	.Plant extract of undetermined constitution	70.24	..Sulfur containing (sulfates, sulfonates, etc.)
59	<b>TOPICAL SUN OR RADIATION SCREENING, OR TANNING PREPARATIONS</b>	70.27	.Cationic surfactant containing
60	.Aromatic acid or derivative containing (e.g., aminobenzoic acid or methyl salicylate, etc.)	70.28	..Quaternary ammonium salts
61	<b>MANICURE OR PEDICURE COMPOSITIONS</b>	70.31	.Nonionic surfactant containing
62	<b>BLEACH FOR LIVE HAIR OR SKIN (E.G., PEROXIDES, ETC.)</b>	73	.Shaving preparation
63	<b>LIVE SKIN COLORANT CONTAINING</b>	74	.Plant extract of undetermined constitution
64	.Lip	75	<b>EMBALMING OR UNDERTAKING COMPOSITIONS</b>
65	<b>ANTI-PERSPIRANTS OR PERSPIRATION DEODORANTS</b>	76.1	<b>DEODORANTS (NONBODY)</b>
66	.Zirconium compound containing	76.2	.Deodorizing substance is evaporable sublimable or gas (e.g., deodorization of air, aerosol spray compositions, etc.)
67	.Zinc compound containing	76.21	..For chemical reaction with odor producing material or gas evolving composition
68	.Aluminum compound containing	76.3	..From a gel or solid matrix (e.g., retarded vaporization compositions, etc.)
69	<b>FACE OR BODY POWDERS FOR GROOMING, ADORNING, OR ABSORBING</b>	76.4	...With odor masking substances (e.g., perfumes, etc.)
70.1	<b>LIVE HAIR OR SCALP TREATING COMPOSITIONS (NONTHERAPEUTIC)</b>	76.5	.For application to waste materials, solid or liquid refuse or sewage
70.2	.Permanent waving or straightening	76.6	..Waste includes fecal material or urine (e.g., feed lot or cage waste, pet litter, etc.)
70.4	..Metal salt containing	76.7	...For toilet or urinal (e.g., recirculating toilet fluid, etc.)
70.5	..Sulfur compound containing	76.8	.With bio-affecting material (i.e., biocide or biostat)
70.51	...Cysteine, cysteamine, or derivatives thereof	76.9	..Inorganic only or containing plant or animal extract
70.6	.Hair coloring (nondyeing)	77	<b>ADHESIVE TRAPPING COMPOSITIONS</b>
70.7	..Mascara	78.01	<b>DIGESTIVE SYSTEM REGULATOR CONTAINING SOLID SYNTHETIC ORGANIC POLYMER AS DESIGNATED ORGANIC ACTIVE INGREDIENT (DOAI) (E.G., ANTI-DIARRHETIC, ANTICONSTIPATION, APPETITE SUPPRESSANT, LAXATIVE, ETC.):</b>
70.8	.Astringent or sebum inhibiting	78.02	<b>TOPICAL BODY PREPARATION CONTAINING SOLID SYNTHETIC ORGANIC POLYMER AS DESIGNATED ORGANIC ACTIVE INGREDIENT (DOAI)</b>
70.9	.UV protectant	78.03	.Skin cosmetic coating
70.11	.Polymer containing (nonsurfactant, natural or synthetic)	78.04	.Ophthalmic preparation
70.12	..Silicon containing		
70.121	...Silsesquioxanes		
70.122	...Amino or amido containing		
70.13	..Polysaccharide or derivative		
70.14	..Protein or derivative		
70.15	..Polyvinylpyrrolidone or copolymer thereof		
70.16	..Poly(meth)acrylic acid, salt, or copolymer thereof		
70.17	..Polyamine, polyamide, or derivatives thereof		
70.19	.Two or more designated surfactant containing		
70.21	.Amphoteric or zwitterionic surfactant containing		

78.05	.Anti-inflammatory or anti-irritant (e.g., anti-arthritic, etc.)	84	<b>BAITS, ATTRACTANTS, OR LURES (NON-FOOD)</b>
78.06	.Skin burn or open wound treatment	85.1	<b>LYMPHOKINE</b>
78.07	.Anti-infective	85.2	.Interleukin
78.08	<b>SOLID SYNTHETIC ORGANIC POLYMER AS DESIGNATED ORGANIC ACTIVE INGREDIENT (DOAI)</b>	85.4	.Interferon
78.09	.Anti-fouling composition (e.g., paints, etc.)	85.5	..Gamma or immune
78.1	.Ion exchange resin	85.6	..Beta or fibroblast
78.11	..Plural ion exchange resins	85.7	..Alpha or leukocyte
78.12	..Adsorbate or treating agent contains nitrogen	130.1	<b>IMMUNOGLOBULIN, ANTISERUM, ANTIBODY, OR ANTIBODY FRAGMENT, EXCEPT CONJUGATE OR COMPLEX OF THE SAME WITH NONIMMUNOGLOBULIN MATERIAL</b>
78.13	...Oxygen or sulfur heterocycle	131.1	.Anti-idiotypic
78.14	...Nitrogen heterocycle	132.1	.Derived from transgenic multicellular eukaryote (e.g., plant, etc.)
78.15	...Plural nitrogen heteroatoms or rings	133.1	.Structurally-modified antibody, immunoglobulin, or fragment thereof (e.g., chimeric, humanized, CDR-grafted, mutated, etc.)
78.16	...Amine containing aromatic group	134.1	..Antibody, immunoglobulin, or fragment thereof fused via peptide linkage to nonimmunoglobulin protein, polypeptide, or fragment thereof (i.e., antibody or immunoglobulin fusion protein or polypeptide)
78.17	.Aftertreated polymer (e.g., grafting, blocking, etc.)	135.1	..Single chain antibody
78.18	..Polymer derived from ethylenic monomers only	136.1	..Bispecific or bifunctional, or multispecific or multifunctional, antibody or fragment thereof
78.19	...Heterocyclic monomer	137.1	.Binds specifically-identified oligosaccharide structure
78.2	...Maleic anhydride monomer copolymerized with hydrocarbon monomer	138.1	.Binds expression product or fragment thereof of cancer-related gene (e.g., oncogene, proto-oncogene, etc.)
78.21	....Ring-opened product thereof	139.1	.Binds antigen or epitope whose amino acid sequence is disclosed in whole or in part (e.g., binds specifically-identified amino acid sequence, etc.)
78.22	....Nitrogen heterocycle	140.1	.Extracorporeal or ex vivo removal of antibodies or immune complexes (e.g., removal of autoantibodies, etc.); or extracorporeal or ex vivo removal of antigen by antibodies (e.g., removal of cancer cells from bone marrow by antibodies, etc.)
78.23	....Six-membered ring		
78.24	....N-Vinyl-2-pyrrolidone		
78.25	.....Complexed with molecular halogen or compound containing only halogen atoms		
78.26	...Chemical treating agent contains element other than C, H, O, alkali, or alkaline earth metal		
78.27	....Nitrogen or sulfur		
78.28	.....Sulfur heterocycle		
78.29	.....Nitrogen heterocycle		
78.3	..Heterocyclic monomer		
78.31	.Polymer from ethylenic monomers only		
78.32	..Heterocyclic monomer		
78.33	...Maleic anhydride monomer		
78.34	..Heavy metal containing monomer		
78.35	..Nitrogen or sulfur containing monomer		
78.36	.Nitrogen heterocycle		
78.37	.Monomer contains oxygen		
78.38	..Oxygen heterocycle		

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|-------|---|-------|---|
| 141.1 | .Monoclonal antibody or fragment thereof (i.e., produced by any cloning technology)   | 161.1 | ..Hepatitis virus   |
| 142.1 | ..Human   | 162.1 | ..Hog cholera virus   |
| 143.1 | ..Binds receptor  | 163.1 | .Binds antigens of multiple bacterial species (e.g., multivalent antiserum that binds antigens of multiple bacterial species, etc.)   |
| 144.1 | ...Receptor integral to or derived from a lymphocytic or lymphocytic-like cell (e.g., NK cell, etc.)  | 164.1 | .Binds bacterium or component thereof or substance produced by said bacterium   |
| 145.1 | ..Binds hormone or other secreted growth regulatory factor, differentiation factor, or intercellular mediator (e.g., cytokine, etc.); or binds serum protein, plasma protein (e.g., tPA, etc.), or fibrin   | 165.1 | ..Staphylococcus or Streptococcus (e.g., pneumococcus or Streptococcus pneumoniae, Streptococcus mutans, etc.)  |
| 146.1 | ..Binds enzyme  | 166.1 | ..Corynebacterium (e.g., Corynebacterium diphtheriae, etc.)   |
| 147.1 | ..Binds virus or component thereof  | 167.1 | ..Clostridium (e.g., Clostridium tetani, etc.)  |
| 148.1 | ...Immunodeficiency virus   | 168.1 | ..Mycobacterium   |
| 149.1 | ..Hepatitis virus   | 169.1 | ..Escherichia   |
| 150.1 | ..Binds bacterium or component thereof or substance produced by said bacterium  | 170.1 | ..Pseudomonas   |
| 151.1 | ..Binds parasitic organism (i.e., parasitic protozoan, multicellular ectoparasite (e.g., flea, tick, mite, etc.), or multicellular endoparasite (e.g., parasitic worm, etc.)) or component thereof or substance produced by said parasitic organism | 171.1 | .Binds allergen or component thereof  |
| 152.1 | ..Binds eukaryotic cell or component thereof or substance produced by said eukaryotic cell  | 172.1 | .Binds eukaryotic cell or component thereof or substance produced by said eukaryotic cell (e.g., honey, etc.)   |
| 153.1 | ...Hematopoietic cell   | 173.1 | ..Hematopoietic cell  |
| 154.1 | ....T lymphocytic cell (e.g., T cell, thymocyte, etc.)  | 174.1 | ..Cancer cell   |
| 155.1 | ...Cancer cell  | 175.1 | .Binds hapten, hapten-carrier complex, or specifically-identified chemical structure (e.g., drug, etc.)   |
| 156.1 | ....Antigen characterized by name or molecular weight   | 176.1 | .Free from infectious agents (e.g., viruses or bacteria removed or inactivated, etc.)   |
| 157.1 | .Derived from, or present in, food product (e.g., milk, colostrum, whey, eggs, etc.)  | 177.1 | .Reduced antigenicity, reduced ability to bind complement, or reduced numbers of activated complement components (e.g., free from aggregated, denatured, fragmented, or polymerized immunoglobulins; free from proteolytic enzymes, etc.) |
| 158.1 | .Binds hormone or other secreted growth regulatory factor, differentiation factor, or intercellular mediator (e.g., cytokine, vascular permeability factor, etc.); or binds serum protein, plasma protein, fibrin, or enzyme                        | 178.1 | <b>CONJUGATE OR COMPLEX OF MONOCLONAL OR POLYCLONAL ANTIBODY, IMMUNOGLOBULIN, OR FRAGMENT THEREOF WITH NONIMMUNOGLOBULIN MATERIAL</b>   |
| 159.1 | .Binds virus or component thereof   |       |   |
| 160.1 | ..Immunodeficiency virus  |       |   |

- 179.1 .Conjugated via claimed linking group, bond, chelating agent, or coupling agent (e.g., conjugated to proteinaceous toxin via claimed linking group, bond, coupling agent, etc.)
- 180.1 ..Conjugate includes potentiator or composition comprising conjugate includes potentiator
- 181.1 ..Conjugated to nonproteinaceous bioaffecting compound (e.g., conjugated to cancer-treating drug, etc.)
- 182.1 .Conjugate includes potentiator; or composition comprising conjugate includes potentiator
- 183.1 .Conjugated to proteinaceous toxin or fragment thereof (e.g., conjugated to diphtheria toxin, Pseudomonas exotoxin, ricin, gelonin, abrin, etc.)
- 184.1 **ANTIGEN, EPITOPE, OR OTHER IMMUNOSPECIFIC IMMUNOEFFECTOR (E.G., IMMUNOSPECIFIC VACCINE, IMMUNOSPECIFIC STIMULATOR OF CELL-MEDIATED IMMUNITY, IMMUNOSPECIFIC TOLERAGEN, IMMUNOSPECIFIC IMMUNOSUPPRESSOR, ETC.)**
- 185.1 .Amino acid sequence disclosed in whole or in part; or conjugate, complex, or fusion protein or fusion polypeptide including the same
- 186.1 ..Disclosed amino acid sequence derived from virus
- 187.1 ...Retroviridae (e.g., feline leukemia, etc.)
- 188.1 ...Immunodeficiency virus (e.g., HIV, etc.)
- 189.1 ...Hepatitis virus
- 190.1 ..Disclosed amino acid sequence derived from bacterium (e.g., Mycoplasma, Anaplasma, etc.)
- 191.1 ..Disclosed amino acid sequence derived from parasitic organism (e.g., Dirofilaria, Eimeria, Trichinella, etc.)
- 192.1 .Fusion protein or fusion polypeptide (i.e., expression product of gene fusion)
- 193.1 .Conjugate or complex
- 194.1 ..Conjugated via claimed linking group, bond, or coupling agent
- 195.11 ..Conjugate or complex includes hormone or other secreted growth regulatory factor, differentiation factor, intercellular mediator, or fragment thereof
- 196.11 ..Conjugate or complex includes virus or component thereof
- 197.11 ..Conjugate or complex includes bacterium or component thereof or substance produced by said bacterium
- 198.1 .Hormone or other secreted growth regulatory factor, differentiation factor, intercellular mediator, neurotransmitter, or fragment thereof
- 199.1 .Recombinant virus encoding one or more heterologous proteins or fragments thereof
- 200.1 .Recombinant or stably-transformed bacterium encoding one or more heterologous proteins or fragments thereof
- 201.1 .Combination of viral and bacterial antigens (e.g., multivalent viral and bacterial vaccine, etc.)
- 202.1 .Combination of antigens from multiple viral species (e.g., multivalent viral vaccine, etc.)
- 203.1 .Combination of antigens from multiple bacterial species (e.g., multivalent bacterial vaccine, etc.)
- 204.1 .Virus or component thereof
- 205.1 ..Reassortant or deletion mutant virus
- 206.1 ...Influenza virus
- 207.1 ..Retroviridae (e.g., feline leukemia virus, bovine leukemia virus, avian leukosis virus, equine infectious anemia virus, Rous sarcoma virus, HTLV-I, etc.)
- 208.1 ...Immunodeficiency virus (e.g., HIV, etc.)
- 209.1 ..Orthomyxoviridae (e.g., influenza virus, fowl plague virus, etc.)
- 210.1 ...Subunit vaccine containing hemagglutinin or neuraminidase



- 211.1 ..Paramyxoviridae (e.g., parainfluenza virus, respiratory syncytial virus, rinderpest virus, Sendai virus, canine tracheobronchitis virus, turkey rhinotracheitis virus, etc.)
- 212.1 ..Measles virus or mumps virus
- 213.1 ...Canine distemper virus
- 214.1 ..Newcastle disease virus
- 215.1 ..Reoviridae (e.g., rotavirus, reovirus, orbivirus, avian proventriculitis virus, bluetongue virus, Colorado tick fever virus, etc.)
- 216.1 ..Calciviridae or picornaviridae, except hepatitis A virus (e.g., foot-and-mouth disease virus (FMDV), coxsackievirus, echovirus, avian encephalomyelitis virus, Mengovirus, etc.)
- 217.1 ...Poliovirus
- 218.1 ..Togaviridae or Flaviviridae, except hepatitis C virus (e.g., yellow fever virus, bovine viral diarrhea virus, dengue virus, equine viral arteritis virus, equine encephalitis virus, Japanese B encephalitis virus, Sindbis virus, flavivirus, etc.)
- 219.1 ...Rubella virus
- 220.1 ...Hog cholera virus
- 221.1 ..Coronaviridae (e.g., neonatal calf diarrhea virus, feline infectious peritonitis virus, canine coronavirus, etc.)
- 222.1 ...Infectious bronchitis virus (IBV)
- 223.1 ...Transmissible gastroenteritis virus (i.e., TGE)
- 224.1 ..Rhabdoviridae (e.g., rabies virus, vesicular stomatitis virus, etc.)
- 225.1 ..Hepatitis virus (e.g., infectious canine hepatitis virus, duck hepatitis virus, mouse hepatitis virus, etc.)
- 226.1 ...Hepatitis A virus
- 227.1 ...Hepatitis B virus (e.g., hepatitis B surface antigen (HBsAg), pre-S region, hepatitis B core antigen (HBcAg), hepatitis B e-antigen, Dane particle, etc.)
- 228.1 ...Non-A, non-B hepatitis virus or hepatitis C virus
- 229.1 ..Herpetoviridae (e.g., herpesvirus, Marek's disease virus, laryngotracheitis virus, infectious bovine rhinotracheitis virus (IBR), infectious pustular vulvovaginitis virus, bovine herpes virus type 1, Aujeszky's disease virus, feline rhinotracheitis virus, feline herpes virus, etc.)
- 230.1 ...Cytomegalovirus, varicella or herpes zoster virus, or Epstein-Barr virus
- 231.1 ...Herpes simplex virus (e.g., HSV-1, HSV-2, etc.)
- 232.1 ..Poxviridae (e.g., smallpox virus, avian pox virus, fowlpox virus, rabbit myxoma virus, vaccinia virus, etc.)
- 233.1 ..Adenoviridae, adeno-like virus, or Parvoviridae (e.g., adenovirus, canine parvovirus, mink enteritis virus, hemorrhagic enteritis virus, feline panleukopenia virus, egg drop syndrome virus, etc.)
- 234.1 .Bacterium or component thereof or substance produced by said bacterium (e.g., Legionella, Borrelia, Anaplasma, Shigella, etc.)
- 235.1 ..Transposon mutant or deletion mutant bacterium (e.g., produced by transposon mutagenesis, etc.)
- 236.1 ..Toxin or toxoid, except endotoxin (e.g., exotoxin, enterotoxin, etc.)
- 237.1 ...Staphylococcus or Streptococcus
- 238.1 ...Corynebacterium (e.g., Corynebacterium diphtheriae, etc.)
- 239.1 ...Clostridium (e.g., Clostridium tetani, etc.)
- 240.1 ...Bordetella (e.g., Bordetella pertussis, etc.)

- 241.1 ...Escherichia (e.g., Escherichia coli, etc.)
- 242.1 ..Pilus, fimbria, or adhesin
- 243.1 ..Staphylococcus (e.g., Staphylococcus aureus, etc.)
- 244.1 ..Streptococcus (e.g., Group B Streptococcus, pneumococcus or Streptococcus pneumoniae, etc.)
- 245.1 ..Corynebacterium (e.g., Corynebacterium diphtheriae, etc.)
- 246.1 ..Bacillus
- 247.1 ..Clostridium (e.g., Clostridium tetani, Clostridium difficile, Clostridium perfringens, Clostridium botulinum, Clostridium chauvoei, etc.)
- 248.1 ..Mycobacterium (e.g., Mycobacterium tuberculosis, Calmette-Guerin bacillus (i.e., BCG), etc.)
- 249.1 ..Neisseria (e.g., Neisseria gonorrhoeae, etc.)
- 250.1 ...Neisseria meningitidis
- 251.1 ..Moraxella (e.g., Moraxella bovis, etc.)
- 252.1 ..Brucella (e.g., Brucella abortus, Brucella canis, etc.)
- 253.1 ..Bordetella (e.g., Bordetella bronchiseptica, etc.)
- 254.1 ..Bordetella pertussis
- 255.1 ..Pasteurella (e.g., Pasteurella multocida, Pasteurella hemolytica, etc.)
- 256.1 ..Hemophilus (e.g., Hemophilus influenzae, Hemophilus gallinarum, Hemophilus pleuropneumoniae, etc.)
- 257.1 ..Escherichia (e.g., Escherichia coli, etc.)
- 258.1 ..Salmonella (e.g., Salmonella typhimurium, etc.)
- 259.1 ..Klebsiella (e.g., Klebsiella pneumoniae, etc.)
- 260.1 ..Pseudomonas (e.g., Pseudomonas aeruginosa, etc.)
- 261.1 ..Vibrio (e.g., Vibrio cholera, etc.)
- 262.1 ..Treponema (e.g., Treponema hyodysenteriae, Treponema pallidum, etc.)
- 263.1 ..Chlamydia (e.g., Chlamydia trachomatis, etc.)
- 264.1 ..Mycoplasma
- 265.1 .Parasitic organism or component thereof or substance produced by said parasitic organism (e.g., Schistosoma, Dirofilaria, Trichinella, Fasciola, Ancylostoma, Ascaris, etc.)
- 266.1 ..Component characterized by molecular weight
- 267.1 ...Eimeria
- 268.1 ...Plasmodium
- 269.1 ..Parasitic protozoan (e.g., Trypanosoma, Trichomonas, Leishmania, Entamoeba, etc.)
- 270.1 ...Babesia
- 271.1 ...Eimeria
- 272.1 ...Plasmodium
- 273.1 ...Toxoplasma
- 274.1 .Fungus, except allergen, or component thereof or substance produced by said fungus (e.g., Trichophyton, etc.)
- 275.1 .Allergen or component thereof (e.g., ragweed pollen, etc.)
- 276.1 ..Characterized by molecular weight
- 277.1 .Cancer cell or component thereof
- 278.1 **NONSPECIFIC IMMUNOEFFECTOR, PER SE (E.G., ADJUVANT, NONSPECIFIC IMMUNOSTIMULATOR, NONSPECIFIC IMMUNOPOTENTIATOR, NONSPECIFIC IMMUNOSUPPRESSOR, NON-SPECIFIC IMMUNOMODULATOR, ETC.); OR NONSPECIFIC IMMUNOEFFECTOR, STABILIZER, EMULSIFIER, PRESERVATIVE, CARRIER, OR OTHER ADDITIVE FOR A COMPOSITION CONTAINING AN IMMUNOGLOBULIN, AN ANTISERUM, AN ANTIBODY, OR FRAGMENT THEREOF, AN ANTIGEN, AN EPITOPE, OR OTHER IMMUNOSPECIFIC IMMUNOEFFECTOR**
- 279.1 .Synthetic or structurally-modified peptidoglycan or mucopolysaccharide or fragment thereof (e.g., derivative of N-acetyl-muramyl-L-alanyl-D-glutamic or fragment thereof (e.g., derivative of N-acetyl-muramyl-L-alanyl-D- acid, etc.) glutamic acid, etc.)
- 280.1 .Synthetic polymer or copolymer
- 281.1 .Virus (e.g., interferon-inducing virus, etc.)

282.1	.Bacterium or component thereof or substance produced by said bacterium	94.63	..Acting on peptide bonds (3.4) (e.g., urokinase, etc.)
283.1	..Lipid or oil	94.64	...Serine proteinases (3.4.21) (e.g., trypsin, chymotrypsin, plasmin, thrombin, elastase, kallikrein, fibrinolysin, streptokinease, etc.)
93.1	<b>WHOLE LIVE MICRO-ORGANISM, CELL, OR VIRUS CONTAINING</b>	94.65	...SH-proteinases (3.4.22) (e.g., papain, chymopapain, bromelains, ficin, etc.)
93.2	.Genetically modified micro-organism, cell, or virus (e.g., transformed, fused, hybrid, etc.)	94.66	...Acid proteinases (3.4.23) (e.g., pepsin, renin, chymosin, etc.)
93.21	..Eukaryotic cell	94.67	...Metalloproteinases (3.4.24) (e.g., collagenase, snake venom zinc proteinase, etc.)
93.3	.Intentional mixture of two or more micro-organisms, cells, or viruses of different genera	520	<b>EXTRACT, BODY FLUID, OR CELLULAR MATERIAL OF UNDETERMINED CONSTITUTION DERIVED FROM ANIMAL IS ACTIVE INGREDIENT</b>
93.4	.Bacteria or actinomycetales	522	.Separated animal oil or solidified form thereof derived from animal flesh and other than from liver or dairy type
93.41	..Clostridium	523	..Fish oil or solidified form thereof
93.42	..Staphylococcus	524	..Whale or porpoise oil or solidified form thereof
93.43	..Streptomyces	525	..Skunk, musk, or mink oil or solidified form thereof
93.44	..Streptococcus	526	..Lard, rind, or tallow
93.45	..Lactobacillus or Pediococcus or Leuconostoc	528	.Bile, bile acid, bile salt, amniotic fluid, or ascitic fluid
93.46	..Bacillus	529	.Blood
93.461	...B. thuringiensis	530	..Plasma
93.462	...B. subtilis	531	..Serum
93.47	..Pseudomonas	532	..Platelet
93.48	..Enterobacteriaceae	533	..Erythrocyte
93.5	.Fungus	534	..Leucocyte
93.51	..Yeast	535	.Milk or colostrum (e.g., butter, whey, etc.)
93.6	.Virus or bacteriophage	537	.Body fluid or exudate or transudate other than snake venom, feces, urine, or semen (e.g., lymph, saliva, honey, royal jelly, digestive juice, etc.)
93.7	.Animal or plant cell	538	.Derived from arthropod (e.g., insect, spider, crustacea, etc.)
93.71	..Leukocyte	539	..Bee
93.72	..Platelet	541	..Cantharide
93.73	..Erythrocyte		
94.1	<b>ENZYME OR COENZYME CONTAINING</b>		
94.2	.Multienzyme complexes or mixtures of enzymes		
94.21	..Pancreatin		
94.3	.Stabilized enzymes or enzymes complexed with nonenzyme (e.g., liposomes, etc.)		
94.4	.Oxidoreductases (1. ) (e.g., catalase, dehydrogenases, reductases, etc.)		
94.5	.Transferases (2. ), Lyase (4.), Isomerase (5.), Ligase (6.)		
94.6	.Hydrolases (3. ) (e.g., urease, lipase, asparaginase, muramidase, etc.)		
94.61	..Acting on glycosyl compound (3.2) (e.g., glycosidases, lysozyme, nucleosidases, cellulase, etc.)		
94.62	...Hyaluronidase or mucinase (3.2.1.35, 3.2.1.36)		

542	.Derived from snake (e.g, venom, etc.)	577	.Hemic or immune system (e.g., hematopoietic system, bone marrow cells, etc.)
543	.Waste or feces (e.g., slaughterhouse offal, chicken feet, horn, hair, hide, urine, etc.)	578	..Lymphoid tissue (e.g., adenoid, lymph node, etc.)
545	..Urine	579	...Spleen
546	...Sex hormone	580	...Thymus gland
547	.Derived from mollusk	581	.Egg enclosed in shell or a part thereof (e.g., eggshell, egg yolk, etc.)
548	.Derived from musculoskeletal system, other than cardiac muscle (e.g., cartilage, muscle, etc.)	582	.Embryonic structure (e.g., embryo or fetus, etc.)
549	..Skeleton (e.g., bone, teeth, etc.)	583	..Placenta or umbilical cord
550	.Digestive system (e.g., salivary gland, etc.)	114	<b>PLURAL FERMENTATES OF DIFFERENT ORIGIN (E.G., MIXTURES OF ANTIBIOTICS, ETC.)</b>
551	..Gastrointestinal system (e.g., intestine, stomach, gall bladder, etc.)	115	<b>FERMENTATE OF UNKNOWN CHEMICAL STRUCTURE</b>
553	...Liver	116	.Having a known elemental analysis (e.g., antibiotic, etc.)
554	....Fish liver oil or solidified form thereof	117	..Sulfur containing
555	.....Cod liver oil or solidified form thereof	118	..45-55% carbon
556	...Pancreas	119	..Over 55 to 58% carbon
557	.Respiratory system (e.g., lung, etc.)	120	..Over 58 to 60% carbon
558	.Urogenital system (e.g., kidney, etc.)	121	..Over 60 to 62% carbon
559	..Genitalia (e.g., ovary, uterus, prostate, testis, etc.)	122	..Over 62% carbon
561	..Germ cell (e.g., ovum, spermatozoa, etc.)	123	.Processes of making, purifying or recovering (nonfermentation)
562	.Endocrine system, other than the thymus gland (e.g., parathyroid gland, etc.)	124	..Ion exchange or chromatography
563	..Adrenal gland	125	<b>FREE CARBON CONTAINING</b>
565	..Pituitary gland	126	<b>WITH CORROSION INHIBITOR</b>
568	..Thyroid gland	600	<b>INORGANIC ACTIVE INGREDIENT CONTAINING</b>
569	.Cardiovascular system, other than umbilical artery or vein (e.g., blood vessel, heart, cardiac muscle, etc.)	601	.Phosphorus or phosphorus compound
570	.Nervous system (e.g., brain, nerve, etc.)	602	..Calcium containing
571	.Sense organ (e.g., eye, taste bud, etc.)	603	...Pyrophosphate
572	.Tissue, other than lymphoid tissue (e.g., connective, etc.)	604	..Heavy metal containing
573	..Neoplastic, tumor, or cancer	605	..Phosphorus acid
574	..Adipose or epithelium	606	..Sodium containing or fluorine containing
		607	.Hydrogen metal cyanide, cyanide, cyanate, or thio analog thereof
		608	..Heavy metal containing (e.g., nitroprusside, etc.)
		609	...Thiocyanates
		610	..Potassium or lithium containing
		611	..Sodium containing
		612	..Hydrocyanic acid
		613	.Peroxide or compositions of or releasing gaseous oxygen or ozone

614	..Zinc containing	660	..Borates
615	..Sodium containing	661	.Elemental chlorine or elemental chlorine releasing inorganic compound (e.g., chlorties, hypochlorites, etc.)
616	..Hydrogen peroxide		
617	.Heavy metal or compound thereof		
618	..Silver		
619	...Nitrite	662	..Chlorate
620	..Arsenic	663	..Chloride
621	...With elemental arsenic or arsenic containing compound	664	...Ammonium chloride
622	...Copper compound of arsenic	665	..Alkali metal or alkaline earth metal
623	...Oxygen compound of arsenic	666	.Hydrochloric acid
624	...Sodium compound of arsenic	667	.Elemental iodine or iodine compound
625	..Manganese containing arsenic compound or with added manganese compound	668	..Iodate
626	...Chromium containing arsenic compound or with added chromium compound	669	..Iodide
627	...Lead compound of arsenic	670	...Potassium iodide
628	...Calcium compound of arsenic	671	...Sodium iodide
629	...With added organic compound	672	..Iodophors
630	..Copper	673	.Elemental fluorine or fluorine compound
631	...With cellulose-sulfur compound or lignin	674	..Silicofluoride
632	...Halogen containing	675	..Calcium containing
633	...Hydroxide	676	..Sodium containing
634	...Carbonate	677	.Alkali or alkaline earth chloride (e.g., barium or lithium chloride, etc.)
635	...Oxide	678	..Calcium chloride
637	...Sulfur containing	679	..Potassium chloride
638	..With added organic compound	680	..Sodium chloride
639	..Manganese	681	..Magnesium chloride
640	...Potassium permanganate	682	.Aluminum, calcium or magnesium element, or compound containing
641	..Zinc	683	..Magnesium silicate
642	...For topical application	684	..Aluminum silicate
643	...Orally assimilable or injectable composition	685	..Aluminum chloride or bromide
644	..Mercury	686	..Carbonate or bicarbonate
645	..Chlorine containing	687	...Calcium carbonate
646	..Iron, cobalt, nickel, vanadium, molybdenum, or palladium	688	..Oxide or hydroxide
647	...Ferric	689	...With stabilizer or suspending agent
648	...Ferrous	690	...Aluminum hydroxide
649	..Gold or platinum	691	...Aluminum oxide
650	..Tin, gallium, germanium, indium, or tellurium	692	...Magnesium hydroxide or oxide
651	..Antimony	693	...Calcium hydroxide
652	..Lead	694	...Characterized as lime or slaked lime
653	..Bismuth	695	...Lime-sulfur
654	..Cadmium	696	..Calcium containing sulfur compound (e.g., calcium sulfate, etc.)
655	..Chromium		
656	...Potassium dichromate	697	...Magnesium sulfate (e.g., epton salts, etc.)
657	.Boron	698	..Alum or burnt alum
658	..Borax		
659	..Boric acid		

699	.Carbon disulfide, monoxide, or dioxide	725	<b>PLANT MATERIAL OR PLANT EXTRACT OF UNDETERMINED CONSTITUTION AS ACTIVE INGREDIENT (E.G., HERBAL REMEDY, HERBAL EXTRACT, POWDER, OIL, ETC.)</b>
700	..Carbon dioxide		
701	..Carbon disulfide		
702	..Selenium or compound thereof		
703	..Elemental sulfur or compound thereof	725.1	.Pyrolysis product of a plant (e.g., heated to ashes, tar, etc.)
704	..With organic silicones material		
705	..Sulfur, per se	726	.Containing or obtained from Hydratis (e.g., goldenseal, etc.)
706	..Sulfide		
707	...Disulfides		
708	...Hydrogen sulfide	727	.Containing or obtained from Palmaceae (e.g., date, coconut, saw palmetto, etc.)
709	..Sulfate		
710	...Ammonium sulfate		
711	..Sulfites or thiosulfates	728	.Containing or obtained from Panax or Acanthopanax (e.g., ginseng, etc.)
712	..Sulfur dioxide		
713	..With added organic compound	729	.Containing or obtained from Camellia (e.g., tea, including green or black tea, etc.)
714	...Plant extract of undetermined constitution		
715	.Carbonate	730	.Containing or obtained from Hypericum (e.g., St. John's wort, etc.)
716	..Ammonium carbonate		
717	..Bicarbonate		
718	..Nitrates or nitrites or nitric acid or nitrogen oxides	731	.Containing or obtained from Ricini (e.g., castor bean, etc.)
719	.Ammonia or ammonium compound containing		
720	..Ammonium chloride	732	.Containing or obtained from Vaccinium (e.g., bilberry, cranberry, blueberry, etc.)
721	..Aqueous ammonia containing		
722	.Alkali metal or alkaline earth containing	733	.Containing or obtained from Valeriana (i.e., Valeriana officinalis)
723	.Elemental bromine or bromine compound containing		
724	.Silicon dioxide containing	734	.Containing or obtained from Piper (e.g., black pepper, kava-kava, etc.)
195.15	<b>EXTRACT OR MATERIAL CONTAINING OR OBTAINED FROM A MULTICELLULAR FUNGUS AS ACTIVE INGREDIENT (E.G., MUSHROOM, FILAMENTOUS FUNGUS, FUNGAL SPORE, HYPHAE, MYCELIUM, ETC.)</b>	735	.Containing or obtained from Prunus (e.g., prune, cherry, plum, apricot, peach, almonds, etc.)
195.16	<b>EXTRACT OR MATERIAL CONTAINING OR OBTAINED FROM A UNICELLULAR FUNGUS AS ACTIVE INGREDIENT (E.G., YEAST, ETC.)</b>	736	.Containing or obtained from Citrus (e.g., orange, lemon, lime, grapefruit, etc.)
195.17	<b>EXTRACT OR MATERIAL CONTAINING OR OBTAINED FROM AN ALGA AS ACTIVE INGREDIENT (E.G., CHLORELLA, SEAWEED, LAVER, KELP, ETC.)</b>	737	.Containing or obtained from Echinacea (e.g., coneflower, etc.)
195.18	<b>NATURAL RESIN, GUM, OR BALSAM AS ACTIVE INGREDIENT (E.G., CONIFER RESIN, PINE GUM, ROSIN, NATURAL LATEX, ETC.)</b>	738	.Containing or obtained from Plantago (e.g., plantain, psyllium, etc.)
		739	.Containing or obtained from Cinnamomum (e.g., cinnamon, etc.)
		740	.Containing or obtained from Artemisia (e.g., wormwood, absinthe, etc.)

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| 741 | .Containing or obtained from<br>Scutallaria (e.g., scullcap,<br>etc.)  | 758 | .Containing or obtained from<br>Cucumbrits (e.g., gourds such<br>as pumpkin, squash, cucumber,<br>etc.)                                |
| 742 | .Containing or obtained from<br>Eucalypti (e.g., eucalyptus,<br>etc.)  | 759 | .Containing or obtained from<br>Tryptergium  |
| 743 | .Containing or obtained from<br>Sassafras (e.g., sassafras,<br>saloop, etc.)   | 760 | .Containing or obtained from<br>Capsicum (e.g., chili pepper,<br>cayenne pepper, red pepper,<br>etc.)                                  |
| 744 | .Containing or obtained from Aloe<br>(e.g., aloe vera, etc.)   | 761 | .Containing or obtained from<br>Azadirecta (e.g., neem, etc.)  |
| 745 | .Containing or obtained from<br>Labiatae (e.g., oregano,<br>marjoram, etc.)  | 762 | .Containing or obtained from<br>Musci (e.g., moss, peat moss,<br>etc.)   |
| 746 | ..Containing or obtained from<br>Salvia (e.g., sage, etc.)   | 763 | .Containing or obtained from<br>Filicinae (e.g., fern, etc.)   |
| 747 | .Containing or obtained from<br>Mentha (e.g., mint,<br>peppermint, spearmint, habak,<br>etc.)  | 764 | .Containing or obtained from<br>Compositeae (e.g., marigold,<br>sunflower, dandelion,<br>feverfew, yarrow, chamomile,<br>etc.)         |
| 748 | .Containing or obtained from<br>Commiphora (e.g., myrrh,<br>myrrha, balm of Gilead, etc.)  | 765 | .Containing or obtained from<br>Roseaceae (e.g., rose,<br>hawthorn, meadowsweet,<br>strawberry, raspberry,<br>blackberry, apple, etc.) |
| 749 | .Containing or obtained from<br>Sanguinaria (e.g., bloodroot,<br>etc.)   | 766 | .Containing or obtained from<br>Vitis (e.g., grape, grapeseed,<br>wine from grapes, etc.)  |
| 750 | .Containing or obtained from<br>Gramineae (e.g., bamboo, corn,<br>or grasses such as grain<br>products including wheat,<br>rice, rye, barley, oat, etc.) | 767 | .Containing or obtained from<br>Cactaceae (e.g., cactus such<br>as Opuntia, prickly pear,<br>Cereus, Selenicereus, etc.)               |
| 751 | .Containing or obtained from<br>Nicotiana (e.g., tobacco,<br>etc.)   | 768 | .Containing or obtained from<br>Linaceae (e.g., flaxseed,<br>linseed, etc.)  |
| 752 | .Containing or obtained from<br>Ginkgo (e.g., ginkgo biloba,<br>maidenhair, etc.)  | 769 | .Containing or obtained from a<br>tree having matured height of<br>at least two meters   |
| 753 | .Containing or obtained from<br>Narcissus (e.g., daffodil,<br>sabidilla, etc.)   | 770 | ..Conifer (e.g., needle and cone<br>bearing trees such as pine,<br>spruce, hemlock, fir, cypress,<br>cedar, yew, etc.)                 |
| 754 | .Containing or obtained from<br>Allium (e.g., onion, garlic,<br>ramp, chive, scallion, etc.)   | 771 | ..Oak, maple, walnut, ash,<br>poplar, dogwood, or persimmon  |
| 755 | .Containing or obtained from<br>Brassica (e.g., horseradish,<br>mustard, etc.)   | 773 | .Containing or obtained from a<br>root, bulb, tuber, corm, or<br>rhizome (aka radix)   |
| 756 | .Containing or obtained from<br>Zingiberaceae (e.g.,<br>Afromonun, cardemon, ginger,<br>turmeric, etc.)  | 774 | .Containing or obtained from a<br>leaf (aka folium or foliage)   |
| 757 | .Containing or obtained from<br>Leguminosae (e.g., legumes<br>such as soybean, kidney bean,<br>pea, lentil, licorice, etc.)                              | 775 | .Containing or obtained from a<br>bark (aka cortex)  |
|     |  | 776 | .Containing or obtained from a<br>seed or nut  |

777	.Containing or obtained from a fruit (aka fructus), including berry	812	<b>LIPOSOME COMPRISING AN ANTIBODY, ANTIBODY FRAGMENT, ANTIGEN, OR OTHER SPECIFIC OR NONSPECIFIC IMMUNOEFFECTOR</b>
778	.Containing or obtained from a flower or blossom (aka flos)	813	<b>VIRAL VACCINE FOR BOVINE SPECIES (E.G., CATTLE, ETC.)</b>
779	.Containing or obtained from a stem, stalk, branch, or twig, (aka ramus or ramulus)	814	<b>VIRAL VACCINE FOR OVINE SPECIES (E.G., SHEEP, ETC.)</b>
780	<b>EXTRACT OR MATERIAL CONTAINING OR OBTAINED FROM A MICRO-ORGANISM AS ACTIVE INGREDIENT (E.G., BACTERIA, PROTOZOA, ETC.)</b>	815	<b>VIRAL VACCINE FOR PORCINE SPECIES (E.G., SWINE, ETC.)</b>
		816	<b>VIRAL VACCINE FOR AVIAN SPECIES (E.G., POULTRY OR OTHER BIRDS, ETC.)</b>
Class 514 is an integral part of Class 424, as shown by the position of this box, and follows the schedule hierarchy of Class 424, retaining all pertinent definitions and Class lines of Class 424.		817	<b>VIRAL VACCINE FOR FISH</b>
		818	<b>VIRAL VACCINE FOR CANIDAE OR MUSTELIDAE (E.G., DOGS, FOXES, MINKS, ETC.)</b>
		819	<b>VIRAL VACCINE FOR FELINE SPECIES (E.G., CATS, ETC.)</b>
		820	<b>VIRAL VACCINE FOR EQUINE SPECIES (E.G., HORSES, ETC.)</b>
		821	<b>INVOLVING TEMPERATURE-SENSITIVE MUTANT VIRUS</b>
		822	<b>INVOLVING TK- VIRUS</b>
		823	<b>BACTERIAL VACCINE FOR BOVINE SPECIES (E.G., CATTLE, ETC.)</b>
		824	<b>BACTERIAL VACCINE FOR OVINE SPECIES (E.G., SHEEP, ETC.)</b>
		825	<b>BACTERIAL VACCINE FOR PORCINE SPECIES (E.G., SWINE, ETC.)</b>
		826	<b>BACTERIAL VACCINE FOR AVIAN SPECIES (E.G., POULTRY OR OTHER BIRDS, ETC.)</b>
		827	<b>BACTERIAL VACCINE FOR FISH</b>
		828	<b>BACTERIAL VACCINE FOR CANIDAE OR MUSTELIDAE (E.G., DOGS, FOXES, MINKS, ETC.)</b>
		829	<b>BACTERIAL VACCINE FOR EQUINE SPECIES (E.G., HORSES, ETC.)</b>
		830	<b>INVOLVING TEMPERATURE-SENSITIVE MUTANT BACTERIUM</b>
		831	<b>INVOLVING CAPSULAR POLYSACCHARIDE OF BACTERIUM (E.G., POLYRIBOSYL RIBITOL PHOSPHATE (PRP), ETC.)</b>
		832	<b>INVOLVING BACTERIAL TOXIN THAT HAS MODIFIED AMINO ACID SEQUENCE</b>
			<b>CROSS REFERENCE ART COLLECTION RELATING TO SUBCLASSES 9.1 THROUGH 10.4</b>
<b><u>CROSS-REFERENCE ART COLLECTIONS</u></b>			
800	<b>ANTIBODY OR FRAGMENT THEREOF WHOSE AMINO ACID SEQUENCE IS DISCLOSED IN WHOLE OR IN PART</b>		
801	<b>INVOLVING ANTIBODY OR FRAGMENT THEREOF PRODUCED BY RECOMBINANT DNA TECHNOLOGY</b>		
802	<b>ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF THAT BINDS GRAM-POSITIVE BACTERIA</b>		
803	<b>ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF THAT BINDS GRAM-NEGATIVE BACTERIA</b>		
804	<b>INVOLVING IGG3, IGG4, IGA, OR IGY</b>		
805	<b>INVOLVING IGE OR IGD</b>		
806	<b>INVOLVING IGM</b>		
807	.Monoclonal		
808	..Human		
809	<b>INVOLVING IMMUNOGLOBULIN OR ANTIBODY FRAGMENT (E.G., F(AB`)<sub>2</sub>, FAB`, FV, FC, HEAVY CHAIN, LIGHT CHAIN, ETC.)</b>		
810	<b>INVOLVING AUTOIMMUNITY, ALLERGY, IMMEDIATE HYPERSENSITIVITY, DELAYED HYPERSENSITIVITY, IMMUNOSUPPRESSION, IMMUNOTOLERANCE, OR ANERGY</b>		
811	<b>INVOLVING SEX SELECTION OR CONTRACEPTION</b>		



900        **IN VIVO DIAGNOSTIC OR IN VIVO  
TEST AGENT WHICH CONTAINS AN  
ADDITIONAL INGREDIENT TO  
REDUCE THE TOXICITY OR SIDE  
EFFECTS OF THE ACTIVE  
INGREDIENT**

**FOREIGN ART COLLECTIONS**

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**

**DIGESTS**

DIG 1        **AEROSOL HAIR PREPARATION**  
DIG 2        **RESIN HAIR SETTINGS**  
DIG 3        **HAIR BLEACH**  
DIG 4        **DANDRUFF**  
DIG 5        **STICK**  
DIG 6        **CHELATE**  
DIG 7        **MICROPOROUS MEMBRANES**  
DIG 8        **SYSTEMIC PESTICIDES**  
DIG 9        **FISH POSTS**  
DIG 10       **INSECT REPELLENT**  
DIG 11       **TERMITE TREATING**  
DIG 12       **FERTILIZATION ATTACHING  
              INHIBITION**  
DIG 13       **BURN TREATMENT**  
DIG 14       **TOPICAL CONTRACEPTIVES AND  
              SPERMACIDES**  
DIG 15       **SUPPOSITORIES**  
DIG 16       **DENDRIMERS AND DENDRITIC POLYMERS**

