1 **HOLOGRAPHIC PROCESS, COMPOSITION, OR PRODUCT**
2 .Composition or product or process of making the same
3 **USE OF SOUND OR NONDIGITAL COMPRESSIVE FORCE**
4 **RADIATION MODIFYING PRODUCT OR PROCESS OF MAKING**
5 .Radiation mask
6 .Screen other than for cathode-ray tube
7 ..Color
8 **MICROGRAPHY, PROCESS, COMPOSITION, OR PRODUCT OTHER THAN MICROELECTRONIC DEVICE MANUFACTURE**
9 **IMAGED PRODUCT**
10 .Antifraud or antitampering
11 .Structurally defined
12 ..Nonuniform or noncoextensive layer added to finished imaged product
13 .Image contained within transparent base
14 .Multilayer
15 ..Plural image layers
16 .Deposited metal coating on image
17 .Nonsilver image
18 .Including resin or synthetic polymer
19 **ERASABLE IMAGING**
20 **LIQUID CRYSTAL PROCESS, COMPOSITION, OR PRODUCT**
21 **RETRIEVING IMAGE MADE USING RADIATION IMAGERY**
22 **REGISTRATION OR LAYOUT PROCESS OTHER THAN COLOR PROOFING**
23 **PRODUCING CATHODE-RAY TUBE OR ELEMENT THEREOF**
24 .Using specific control or specific modification of exposure, i.e., by manipulation of radiation source or exposure through elements other than shadow mask
25 .With light-absorbing matrix on faceplate
26 .With faceplate of phosphoric stripes
27 .With filter material on finished faceplate
28 .Using specified radiation-sensitive composition other than a nominal sensitized polyvinyl alcohol
29 .Using specified post-imaging process composition
30 **INCLUDING CONTROL FEATURE RESPONSIVE TO A TEST OR MEASUREMENT**
31 **ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY, ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS, COMPOSITION, OR PRODUCT**
32 .Electrophoretic imaging, process, composition, or product
33 ..Post treatment process to fix or transfer image, or collect or remove electric radiation sensitive pigment
34 ..Pretreatment process to change the physical properties of electrophoretic suspension or specified imaging feature exposure
35 ..Specified electric field applied or electric charging step
36 ..Manipulation of electrode
37 ..Electric radiation sensitive pigment
38 ..Material used to modify electrophoretic suspension response
39 .Magnetic imaging
40 .Manifold imaging, process, composition, or product
41 .Migration imaging, process, composition, or product, e.g., electrosolography, etc.
42.1 .To produce color reproduction (i.e., two or more colors specified)
43.1 ..With color correction step
44.1 ..With sintering
45.1 ..Process with identified developing composition or identified developing step (e.g., toner binder, softening point, reversal developing, etc.)

45.2 ...Liquid developing composition or process (e.g., using toner particles in liquid vehicle, etc.)
45.3 ...Identified developing feature (e.g., reversal development, etc.)
45.31 ....Developing electrostatic latent images of different potential areas or polarities (e.g., trilevel image of three differentially charged areas, etc.)
45.32 ....Magnetic brush
45.33 ....Polymerizing developing composition (e.g., photohardening of microcapsules, etc.)
45.4 ...Developing composition having five or more different color toners (e.g., pentachrome, hexachrome, etc.)
45.5 ...Developing composition having subtractive colorant (i.e., cyan, magenta, or yellow)
45.51 ....Dissimilar toners of identified chemical or physical property
45.53 ....Developing composition forming glossy image
45.54 ....Identified shape (e.g., sphere-shaped toner, toner shape factor, etc.)
45.55 ....Identified toner or colorant surface area or size (e.g., pigment size, etc.)
45.56 ....Having carrier particles (i.e., multicomponent developer)
46.1 ..Process with identified radiation-conductive element or composition (e.g., photoreceptor, etc.)
46.2 ...Plural charge generation layers
46.3 ...Color filter layer
46.4 ...Identified organic binder
46.5 ...Inorganic-containing radiation conductive composition
47.1 ..Process with identified receptor or identified image transfer process step
47.2 ...Plural color images transferred to receptor
47.3 ...Stripping toner image layer from imaging element
47.4 ...Identified intermediate receptor
47.5 ...Identified final receptor
48 .Electrostatic image transfer
49.1 .To produce printing surface
49.2 ..Driographic (i.e., waterless) printing surface
49.3 ..Having toned image transfer
49.31 ...Toner release layer on imaging layer
49.4 ..Having imagewise portion removal of radiation-sensitive imaging layer (e.g., dissolving, transfer, plasma etching, etc.)
49.41 ...Removal of portion under imaging layer of toner area only
49.42 ...Includes etching substrate
49.43 ...By wet removal (e.g., solvent, surface active agent solution, alkaline solution, etc.)
49.44 ....Toned image removed subsequent to nontoned portion removal
49.45 ....Liquid or solution containing nitrogen-containing compound (e.g., ammonia hydroxide, etc.)
49.46 ....Alkaline solution (e.g., Na+OH- solution, etc.)
49.5 ..Posttreatment making nonimaged or nontoned areas hydrophilic
49.6 ...Liquid posttreatment
49.7 ....Nitrogen-containing compound (e.g., amine solution, etc.)
49.8 .....Cyano-containing compound (e.g., FeCN, etc.)
50 .Deformation imaging, e.g., frost imaging, etc.
51 .Persistent internal polarization imaging
52 .Electrolysis imaging
53 .Using ion or particle flow modulation
54 .To produce multiple image on medium or plural radiant energy exposures of medium, e.g., image intensification using two images, or two exposures of same image, etc.

55 .Charging simultaneous with imaging
56 .Radiation-sensitive composition or product
57.1 ..Having plural conductive layers
57.2 ...With plural charge generation layers
57.3 ....Nitrogen hetero ring compound in one or more charge generation layers
57.4 ....Inorganic silicon (e.g., elemental silicon, silicon alloy or inorganic compound thereof) in one or more charge generation layers
57.5 .....With germanium (elemental, compound or alloy) in layer containing silicon
57.6 .....Germanium as dopant
57.7 .....P-type or n-type silicon containing (e.g., silicon doped with a Group IIIa, or a Group Va element)
57.8 ....Inorganic selenium (Se) (e.g., elemental selenium, selenium alloy or inorganic compound thereof)
58.05 ...Charge transport layer
58.1 ....Inorganic charge transport layer
58.15 ....Sulfur containing hetero ring in charge transport layer
58.2 ....Organosilicon or organogermanium in charge transport layer
58.25 ....Cyclic ketone, cyclodicyanomethylene, or cyclomethylenemalonate in charge transport layer
58.3 ....Containing at least three aryl groups bonded to a single carbon atom in charge transport layer
58.35 ....Organic nitrogen in charge transport layer
58.4 .....Hydrazone containing
58.45 .....Additional nitrogen attached indirectly to the hydrazone group by nonionic bonding
58.5 .....Nitrogen hetero ring compound
58.55 .....Pyrazole containing (e.g., including hydrogenated pyrazole, etc.)
58.6 .....Carbazole containing or derivative
58.65 .....Arylamine containing
58.7 .....Polymeric arylamine containing
58.75 .....Triamine, or diamine containing
58.8 .....1,1' biphenyl 4,4' diamine (e.g., benzidine, etc.)
58.85 .....Charge transport layer containing alkenylarylamine
59.1 ....And specified charge generator layer
59.2 .....Charge generator layer contains compound having an acyclic azo group (i.e., -N=N-)
59.3 .....Compound having an acyclic azo group and having either an azomethine (i.e., -CH=N), or a stilbene group; or a compound having three or more azo groups in charge generator layer
59.4 .....Phthalocyanine or phthalocyanine derivative compound in charge generator layer
59.5 .....Titanium (Ti) or vanadium (V) phthalocyanine containing
59.6 ....With specified binder resin in transport layer
60 ..Product having layer between radiation-conductive layer and base or support
61 ...Sensitizing layer
62 ...Conductive layer
63 ....Inorganic containing
64 ...Blocking or barrier layer
65 ....Inorganic containing
66 ..Product having overlayer on radiation-conductive layer
67 ...Electrically insulating overlayer
68 ..Including radiation-conductive screen
69 ..Including conductive base or support
70 ..Radiation-conductive composition contains carbocyclic ring only
71 ...Polycyclo ring system
72 ....Substituted
73 ...Containing amino or substituted amino group

74 ....Alkyl amino group
75 ..Radiation-conductive composition contains hetero ring
76 ...The hetero ring has at least nitrogen as a ring hetero atom
77 ....Additional diverse ring hetero atom in the hetero ring
78 ....Polycyclo ring system having the hetero ring as one of the cyclo systems
79 .....Carbazole
80 ......Polymer or synthetic resin only
81 ......Sensitized or doped
82 ....Dye or pigment
83 ..Sensitized or doped organic radiation conductor
84 ..Inorganic radiation conductive composition
85 ...Alloy
86 ....Having more than two constituents
87 ...Zinc containing
88 ....And other radiation-conductive material
89 ....And nonsensitizing additive other than binder
90 ....Sensitized or doped
91 .....Dye or pigment
92 ......Intercyclic-acyclic -CH= or intercyclic-acyclic chain which contains -CH=
93 ....Cyanine dye
94 ...Cadmium containing
95 ...Sensitized or doped
96 ..Binder for radiation-conductive composition
97 .Post imaging process, finishing, or perfecting composition or product
100 ..Reversal development
101 ..Impression development
102 ..Selective toner release
103 ..Using development electrode
104 ..Finishing or perfecting composition or product
105 ...Developing composition or product
106.1 ....Dry toner containing a chemically identified magnetic component
106.2 .....Binary ferric or ferrous oxide containing magnetic component
106.3 .....Elemental metal or alloy magnetic component
107.1 ....Dry multicolor toner (i.e., composition containing more than one colored toner (e.g., cyan, magenta, and yellow toners, etc.)) with chemically identified colorant or colorant identified by color
108.1 ....Dry toner with chemically identified adjuvant (e.g., charge control agent, colorant, etc.)
108.11 .....Fluorine compound adjuvant
108.14 ......Fluorophosphate salt or fluoroborate salt adjuvant
108.15 ......Organic fluorine compound adjuvant containing either nitrogen or phosphorus
108.2 .....Organic nitrogen or organic phosphorus compound adjuvant
108.21 ......Plural nitrogen or phosphorus atoms attached directly or indirectly to each other by nonionic bonding in the adjuvant
108.22 ....As a nitrogen- or phosphorus-containing polymer
108.23 ....Azo containing adjuvant
108.24 ......Heavy metal, aluminum, or silicon in the nitrogen or phosphorus compound
108.3 .....Organic heavy metal, aluminum, or silicon compound adjuvant
108.4 .....Carboxylic acid or ester compound adjuvant
108.5 .....Organic sulfur compound adjuvant
108.6 .....Metal oxide conmpound adjuvant (e.g., AI2O3'TiO2'etc.)
108.7 .....Inorganic silicon compound adjuvant
108.8 .....Hydrocarbon wax-containing adjuvant
108.9 .....Identified carbon black adjuvant
109.1 ....Dry toner having chemically identified binder
109.2 .....Epoxy or oxirane compound (e.g., glycidyl, etc.) binder

109.3 .....Vinyl addition binder (e.g., methacrylate, styrene or vinyl chloride addition products, etc.)
109.31 ......Covalent nitrogen in the vinyl addition binder
109.4 .....Polyester backbone binder (e.g., condensation reaction product, etc.)
109.5 .....Organic nitrogen containing binder (e.g., polyamide, etc.)
110.1 ....Identified dry toner physical structure
110.2 .....Core-shell structure
110.3 .....Identified toner shape (e.g., recited shape parameter, etc.)
110.4 .....Having specified toner particle size distribution
111.1 ....Chemically identified carrier for dry toner
111.2 .....Glass-containing carrier
111.3 .....Magnetic carrier
111.31 ......Ferrite containing magnetic carrier
111.32 ....Ferrite core-resin shell carrier
111.33 ....The ferrite contains nonferrous metal oxide
111.34 ......Chemically identified elemental magnetic metal or magnetic alloy carrier
111.35 ......Chemically or physically identified binder or coating resin for magnetic carrier
111.4 ....Identified physical parameter of carrier particle or dry toner particle, etc. (Tg, MW, coercivity, density, etc.)
111.41 .....Electrical or magnetic parameter
112 ....Liquid
113 .....Multiple phase liquid carrier medium, i.e., emulsion
114 .....Identified toner, i.e., identified resin coated pigment, etc.
115 .....Identified adjuvant, i.e., surfactant, etc.
116 .....Identified liquid carrier
117.1 ..Liquid development
117.2 ...Postdeveloping step
117.3 ....Liquid developer removal step
117.31 .....Only liquid carrier removal
117.32 .....Liquid developer recycling
117.4 ....Developed image transfer
117.5 ....Fixing developed image
118.1 ...Replenishing liquid developer during development
118.2 ...Prewetting image carrier immediately prior to development
118.3 ...Identified development step (e.g., misting, etc.)
118.4 ...Applying electrical bias
118.5 ...Pretreatment of developer (e.g., agitating, etc.)
118.6 ...Identified developer (e.g., resin-coated pigment structure, etc.)
118.7 ....Having identified image carrier
118.8 ....Toner particle size
119.1 ....Toner polymer composition
119.2 .....Block or graft polymer
119.3 .....Silicon-containing polymer
119.4 ....Halogen-containing liquid carrier
119.5 ....Acid or salt adjuvant
119.6 ...Identified image carrier
119.7 ..With subsequent imaging member cleaning
119.71 ...Identified radiation conductive surface
119.72 ....Charge transport layer cleaning
119.8 ...Using identified cleaning element or material (e.g., brush, etc.)
119.81 ....Cleaning with particles (e.g., magnetic brush, etc.)
119.82 ....Cleaning with blade
119.83 .....Identified blade movement (e.g., vibrated, oscillated, etc.)
119.84 .....Polyurethane blade (e.g., polyurethane binder, polyurethane spheres in matrix, etc.)
119.85 ....Cleaning with fibrous brush
119.86 ...Cleaning away identified component (e.g., toner or toner additive, etc.)
119.87 ....With recycling of cleaned developer or developer component
119.88 .....Recycling identified toner
120.1 ..Dry powder developing

120.2 ...To produce named article (e.g., semiconductor, etc.) by dry toner development
120.3 ....Magnetic ink character recognition (MICR) article (e.g., production of bank checks, etc.)
120.4 ...Postimage processing to change developed image color
120.5 ...Simultaneous imaging and developing
121.1 ...Cascading powder developing
122.1 ...Magnetic brush developing
122.2 ....Using identified carrier
122.3 .....Hard magnetic (i.e., permanent magnetic) carrier
122.4 .....Carrier particle conductivity or resistivity
122.5 ....Identified magnetic toner
122.51 .....Magnetic monocomponent developer (i.e., toner developer with no carrier)
122.52 .....Magnetic toner conductivity or resistivity
122.6 ....Identified developer conductivity or resistivity (e.g., carrier, oxide in toner, etc.)
122.7 ....Identified magnetic brush speed
122.8 ....Identified applied voltage
122.9 ...Identified toner orientation
123.1 ...Using fur brush
123.2 ...Using powder cloud
123.3 ...Using chemically identified application member (e.g., donor roll or sleeve, etc.)
123.4 ...Developing image on identified imaging member
123.41 ....Identified developer composition (e.g., toner, carrier, etc.)
123.42 ....Identified imaging member outermost layer
123.43 ....Imaging member having both charge generation and charge transport layers
123.5 ...Using identified toner (e.g., identified colorant, toner property, etc.)
123.51 ....Toner having identified external additive on outside of toner particle (e.g., external fluidity agent, external charge control agent, etc.)
123.52 ....Identified melt property of toner or toner component (e.g., melt viscosity, melt index, etc.)
123.53 ....Identified modulus of toner or toner component (e.g., elastic modulus, bulk modulus, Young's modulus, etc.)
123.54 ....Identified glass transition temperature (Tg)
123.55 ....Identified softening point
123.56 ....Identified electrostatic property of toner (e.g., triboelectric charge value, etc.)
123.57 ....Identified toner colorant (e.g., dye, pigment, etc.)
123.58 ...Developing using identified particulate carrier
124.1 ..Fixing toner image (i.e., fusing)
124.11 ...Simultaneous transferring and fixing
124.12 ...Etching, sublimation, or dissolving receiver after fixing
124.13 ...Posttreating fixed image (e.g., smoothing, etc.)
124.14 ....Sintering fixed image
124.15 ....Removing fixed image from receiver
124.2 ....Plural fixing of single toner image
124.21 ...Fluid (liquid or gas) contact fixing
124.22 ....Using liquid polymer or liquid metal
124.23 ...Fixing by pressure only (e.g., cold fixing, etc.)
124.3 ...Heat fixing using roller or belt (e.g., fuser member, etc.)
124.31 ....Heated metal roller
124.32 ....Identified roller or belt composition or structure
124.33 .....Fluorine-containing resin in surface layer of belt or roller

124.34 .....Applying liquid to roller or belt surface (e.g., release oil applied, etc.)
124.35 .....Silicone-containing resin in surface of belt or roller
124.36 .....Applying liquid to roller or belt surface (e.g., release liquid applied, etc.)
124.37 .....Silicone-containing liquid, powder, or solid-treating roller or belt surface layer (e.g., release agent applied to surface, etc.)
124.38 .....Belt or roller has three or more solid layers on support or core
124.4 ...Noncontact fixing (e.g., flash fusing, etc.)
124.5 ...Fixing to identified receiver
124.51 ....Identified receiver surface texture (e.g., fibrous, porous, etc.)
124.52 ....Identified transparent receiver
124.53 ....Polymer or wax receiver surface
124.54 .....Polyester
125.1 ..Postdevelopment treatment of reusable imaging member to remove charges
125.2 ...Optical radiation treatment
125.3 ..Toner image transfer
125.31 ...Removing toner image and layer from imaging member (i.e., with layer stripping or cover layer removal)
125.32 ...Identified intermediate transfer member
125.33 ....Containing silicone or siloxane transfer component
125.4 ...With intermediate transfer cleaning
125.5 ...Electrostatic transfer of toner image
125.6 ...Identified final receptor
126.1 ..Forming overlayer on developed image
126.2 ..Postimaging treatment of imaging member (e.g., applying lubricant, etc.)
127 .Process of making radiation-sensitive product
128 ..Coating by vacuum deposition
129 ..Extrusion coating
130 ..Thermal or energy treatment of radiation-sensitive layer, e.g., fusing, annealing, or solvent after treatment of radiation-sensitive layer, etc.
131 ..Applying subbing layer
132 ..Applying overlayer
133 ..Applying radiation-sensitive layer
134 ...Heterogeneous
135 .Process of making radiation-sensitive composition
136 ..Utilizing high temperature, e.g., by fusing, etc.
137.1 .Process of making developer composition
137.11 ..By coating
137.12 ...In situ polymerization to form shell, followed by polymerization to form core
137.13 ...Carrier core coating
137.14 ..By coalescing or aggregating
137.15 ..By polymerization
137.16 ...Chemical after treating of polymer
137.17 ...Two-phase polymerization (e.g., oil-water)
137.18 ..By milling, grinding, crushing, or comminuting
137.19 ...Milling, grinding, crushing, or comminuting in liquid
137.2 ...Milling with subsequent classification
137.21 ..By dry blending developer components
137.22 ..Making a liquid toner or concentrate
138 **MICROCAPSULE, PROCESS, COMPOSITION, OR PRODUCT**
139 **LUMINESCENT IMAGING**
140 **PRODUCT HAVING SOUND RECORD OR PROCESS OF MAKING**
141 **DIAZO REPRODUCTION, PROCESS, COMPOSITION, OR PRODUCT**
142 .Process producing multiple image
143 ..Color proofing, colloid transfer, or pigment development
144 .Powder development of tacky surface
145 .Photomechanical dye image prepared

146 .Diazo-type process, i.e., producing dye image by reacting the diazo or the imaged reaction product of the diazo
147 ..Negative image prepared
148 ..To make diazo-type intermediate, black-line image, or continuous-tone image
149 ..Liquid development, e.g., aqueous solution with coupler, etc.
150 ..Gaseous development, e.g., ammonia vapor, etc.
151 ..Heat development
152 .Vesicular process
153 .Physical development
154 .Composition or product which contains radiation sensitive compound having moiety of nitrogen double or triple bonded directly to nitrogen other than chromophore moiety, e.g., triazene containing product, etc., process of making, and composition or product used to finish or develop a diazo reproduction
155 ..Product with at least two named layers
156 ...At least two radiation-sensitive layers
157 ...Diazonium compound containing layer
158 ....Including subbing layer
159 .....Silicon, nitrogen, or sulfur compound containing subbing layer
160 .....Polymer containing subbing layer
161 .....Acid, salt, or ester moiety ingredient containing subbing layer
162 ....Including overlayer or backing layer
163 ....Diazonium salt with anion specified
164 ...Diazo-N-sulfonate containing layer
165 ...Quinone diazide containing layer
166 ....Including additional layer
167 ...Azide containing layer
168 ..Process of making diazo product
169 ...Using specific adjuvant other than radiation-sensitive diazo compound
170 ..Radiation-sensitive composition
171 ...Diazonium compound containing
172 ....At least two diverse diazonium compounds
173 ....At least two couplers
174 .....Includes additional adjuvant other than acidic stabilizer
175 ....Polymeric diazonium compound
176 ....Polymeric mixture
177 ....Processing ingredient other than coupler or carboxylic acid compound
178 .....Metal salt ingredient
179 .....Nitrogen atom containing organic ingredient
180 ....Naphthol coupler included
181 ....Phenol coupler included
182 ....Aceto-aceto or heterocyclic coupler included
183 ....P-amino or p-thio benzene diazonium compound
184 .....2,3 substitution of benzene nucleus
185 .....Additional substituent on benzene nucleus
186 .....P-substituent is p-heterocyclic amine
187 .....2,5 substitution of benzene nucleus
188 ...Diazo-N-sulfonate containing
189 ...Quinone diazide containing
190 ....Polymeric quinone diazide
191 ....And monomeric processing ingredient
192 ....Polymeric mixture
193 ....O-quinone diazide
194 ...Azide containing
195 ....Polymeric azide
196 ....And monomeric processing ingredient
197 ....Polymeric mixture
198 **VISIBLE IMAGING INCLUDING STEP OF FIRING OR SINTERING**
199 **TRANSFER PROCEDURE BETWEEN IMAGE AND IMAGE LAYER, IMAGE RECEIVING LAYERS, OR ELEMENT CONTAINING AN IMAGE RECEIVING LAYER OR AN INGREDIENT FOR FORMING AN IMAGE RECEIVING LAYER**

200 .Imagewise heating, element or image receiving layers therefor or imagewise vapor and gas transfer process, element or image receiving layer therefor
201 ..Imagewise vapor or gas transfer process, element or image receiving layer therefor
202 .Diffusion transfer process, element, or identified image receiving layers therefor
203 ..By uniform application of heat, element, or image receiving layer therefor
204 ..Making printing plate
205 ...Including imagewise removal of image receiving layer or portion thereof
206 ..Web processing of radiation-sensitive layer or imbibition of image receiving layer or image receiving element with processing composition prior to contact with the radiation sensitive element or layer
207 ..Element structurally defined other than containing nominal processing composition container or trap, or containing processing composition container or trap made of identified material
208 ...Having specified processing composition retaining means
209 ...Having specified trap
210 ...Having separable carrier sheet with processing composition container or trap permanently attached thereto
211 ..Element or identified image receiving layers for dye image formation
212 ...Element containing silver salt sensitizer or either element or image receiving layer for use therewith
213 ....Having either an identified dye mordant or image receiving layer binder other than nominal gelatin
214 ....Having either a nonradiation sensitive scavenger layer, or an ingredient for forming scavenger or barrier layer, or an identified developing agent scavenger
215 ....Identified synthetic polymeric binder contained in nonradiation sensitive processing composition permeable layer other than an image receiving or neutralizating layer
216 ....Identified neutralizing layer or ingredient containing or dye stabilizer containing
217 ....Silver halide identified-grain, identified emulsion binder other than nominal gelatin, or identified sensitizer or identified desensitizer containing
218 ....Identified nondye image forming developing agent, silver halide development accelerator or retarder, or dye image forming accelerator or retarder containing
219 .....Silver halide developing retarder or antifoggant
220 ....Identified light absorbing, whitening, brightening, or reflecting agent other than nominal TiO2
221 .....pH sensitive
222 ....Identified dye image forming compound other than colorless color developer or dye mordant containing or identified organic solvent for an incorporated ingredient
223 .....Redox cleavable dye or dye precursor releaser
224 .....Dye developer or leuco dye developer
225 ......Azo
226 .....Coupler with coupling-off ballast, dye or dye precursor moiety
227 ..Element or image receiving layers for silver salt or silver complex transfer
228 ...Having lenticular or color screen
229 ...Permanent laminate

230 ...Identified silver halide grain, silver halide emulsion, binder other than nominally defined gelatin, or silver halide sensitizer or desensitizer containing
231 ...Identified precipitation nuclei or image receiving layer binder containing other than nominal gelatin
232 ....Identified organic polymeric image receiving layer binder other than nominal gelatin
233 ...Identified toning or silver transfer image stabilizing ingredient containing
234 ...Identified developing agent or silver salt complexing agent containing
235 ..Dye image formation process
236 ...Using silver salt sensitizer
237 ....Using identified neutralization layer or ingredient or separate post transfer treatment of dye image
238 ....Using identified dye mordant or binder other than nominal gelatin
239 ....Using identified nondye image forming developing agent, silver development accelerator or retarder, or dye image formation accelerator or retarder
240 .....Development retarder or antifoggant
241 ....Using identified dye forming compound other than colorless color developer or dye mordant or using identified organic solvent
242 .....Redox cleavable dye or dye precursor releaser
243 .....Dye developer or leuco dye developer
244 ..Silver salt transfer process
245 ...Exposing through color filter element
246 ...Processing permanent laminate
247 ...Having identified precipitation nuclei or identified image receiving binder other than nominal gelatin
248 ...Including silver transfer image toning or stabilizing, or separate post transfer treatment of element or layer containing silver image
249 ...Developing with an identified silver halide developing agent
250 ....Hydroxylamine
251 ...Processing with identified silver or silver salt complexing agent
252 .Image layer portion transfer and element therefor
253 ..Separating exposed areas from unexposed or underexposed areas of image layer by transfer, element or image receiving layer therefor
254 ...Transfer process with uniform heat application and element therefor
255 ...Using silver salt sensitizer and element therefor
256 **STRIPPING PROCESS OR ELEMENT**
257 .Forming composite image, e.g., multiple stripped image layers, etc.
258 .Forming nonplanar image
259 .Element
260 ..Stripping layer having radiation polymerizable or cross-linkable composition
261 ..Strippable between two radiation-sensitive layers
262 ..Stripping layer containing specified synthetic nonradiation sensitive polymer
263 ...From ethylenically unsaturated monomer
264 **SILVER HALIDE COLLOID TANNING PROCESS, COMPOSITION, OR PRODUCT**
265 .Process using lithographic infectious developer
266 ..And polymer or nonpolymer condensation reaction product
267 ..And heterocyclic additive
268 .Infectious developer composition
269 **IMAGING AFFECTING PHYSICAL PROPERTY OF RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR OR PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT**

270.1 .Radiation sensitive composition or product or process of making
270.11 ..Optical recording nonstructural layered product having a radiation sensitive composition layer claimed or solely disclosed as optically reorderable and optically machine readable
270.12 ...Having read-write layer of 100 percent inorganic composition
270.13 ....Which changes phase during recording
270.14 ...Having read-write layer of 100 percent organic or organometallic composition or mixtures thereof
270.15 ....Containing nonpolymeric chromophore
270.16 .....Organometallic containing
270.17 ......Naphthalocyanine
270.18 .....Having methine linkage
270.19 ......And containing quencher or stabilizer
270.2 ......Cyanine chromophore
270.21 ....Indolenic cyanine chromophore
271.1 ..Identified backing or protective layer containing
272.1 ...Silicon containing backing or protective layer
273.1 ...Identified overlayer on radiation-sensitive layer
274.1 ...And radiation-sensitive chromium compound
275.1 ...Metal as backing or protective layer
276.1 ....And another backing or protective layer other than aluminum oxide
277.1 ....Copper
278.1 ....Aluminum
279.1 ....Zinc or magnesium
280.1 ..Radiation sensitive composition comprising oxirane ring containing component
281.1 ..Radiation sensitive composition comprising ethylenically unsaturated compound
282.1 ...N-vinylidene
283.1 ...Amide
284.1 ....Urethane
285.1 ...Polyester
286.1 ...Resin or prepolymer containing ethylenical unsaturation
287.1 ....Ethylenic unsaturation within the side chain component
288.1 ...Plural, terminal unsaturation
289.1 ..Radiation sensitive chromium compound
290 .Light scattering or refractive index image formation
291 .Post imaging treatment with particles
292 .Readily visible image formation
293 ..Color proofing or multicolor image formation
294 ..By solvent removal
295 ..Making ornamental design
296 .Electron beam imaging
297 .Simultaneous radiation imaging and etching of substrate
298 .Simultaneous radiation imaging and deposition of material on substrate
299 .Simultaneous developing a resist image and etching a subtrate
300 .Making printing plates
301 ..Multicolor
302 ..Lithographic
303 ...Driography
304 ...Coating over colloid image and removal of colloid image to leave reversed image in coating, i.e., deep etch
305 ...Continuous tone or collotype
306 ..Relief
307 ..Intaglio or gravure
308 ..Stencil
309 ..Post imaging process
310 ...Including etching of substrate
311 .Making electrical device
312 ..Including multiple resist image formation
313 ..With formation of resist image, and etching of substrate or material deposition
314 ...Etching of substrate and material deposition
315 ...Material deposition only
316 ...Multiple etching of substrate
317 ...Insulative or nonmetallic dielectric etched
318 ...Metal etched
319 ..Named electrical device
320 .Making named article
321 ..Optical device
322 .Forming nonplanar surface

323 ..Including etching substrate
324 ..Including material deposition
325 ..Post image treatment to produce elevated pattern
326 ...Pattern elevated in radiation unexposed areas
327 .Processing feature prior to imaging
328 .Post imaging radiant energy exposure
329 .Removal of imaged layers
330 .Including heating
331 .Finishing or perfecting composition or product
332 **DYE IMAGE FROM RADIATION SENSITIVE DYE OR DYE FORMER BY DRY PROCESSING, COMPOSITION, OR PRODUCT**
333 .Multiple image formation, multiple image exposure, or simultaneous radiant energy exposure
334 .Positive image formation from radiation sensitive dye former
335 .Pretreatment processing before imaging, e.g., overall radiant energy exposure, etc.
336 .Developing latent image using radiant energy or heat
337 .Fixing or stabilizing image
338 .Composition or product
339 ..Radiation sensitive bleachable dyestuff
340 ..Identified sensitizer containing
341 ...Metal salt or complex
342 ...Sulfur compound
343 ...Heterocyclic
344 ...Halogen compound
345 ..Spiropyran dye or dye former
346 **VISIBLE IMAGING USING RADIATION ONLY OTHER THAN HEATING BY SURFACE CONTACT OR CONVECTION**
347 **COMBINED**
348 **THERMOGRAPHIC PROCESS**
349 .Heat applied before imaging
350 .Heat applied after imaging
351 ..Color development
352 ..During stabilization
353 ..During dry development
354 ...Including generation of vapor, moisture, etc.
355 ..During solvent development
356 **ACHROMATIC IMAGE PRODUCED FROM CHROMATIC REPRODUCTION IMAGE**
357 **COLOR IMAGING PROCESS**
358 .Color proofing
359 .Color correcting
360 ..Correcting by silver image
361 ..Correcting by color image produced by oxidizing bath treatment
362 ..Correcting by interimage effect
363 .Laser or radiation exposure other than visible light
364 .Forming combined chromatic and achromatic images
365 .Forming multicolor image in a single layer
366 .Resensitizing
367 .Chromatic image produced from achromatic reproduction image
368 ..Blue or brown print forming
369 ..Viewing through either a colored filter or a colored light
370 ..Toning
371 .Mordanting
372 .Stabilizing
373 .Intensifying
374 .Using identified radiation sensitive composition in the formation of color image
375 ..Silver compound sensitizer
376 ...And coupler
377 ....And binder, coating aid, solvent, emulsifier, hardener, chemical sensitizer, or optical sensitizer
378 ....Direct positive process
379 .....Reversal process
380 ....And developer other than or in addition to p-phenylenediamine or derivative thereof
381 ....Polymeric or bis coupler
382 ....And either developing or dye inhibition
383 ....Forming multicolor image
384 ....Identified cyan dye color
385 .....Substituted at coupling position with other than hydrogen
386 ....Identified magenta dye color
387 .....Substituted at coupling position with other than hydrogen
388 ....Identified yellow dye color

389 .....Substituted at coupling position with other than hydrogen
390 ...And dye
391 ....Forming multicolor image
392 ....And dye catalyst
393 ...Silver bleach or bleach-fix
394 **PLURAL EXPOSURE STEPS**
395 **USING REFLECTED RADIATION, E.G., REFLEX COPYING, ETC.**
396 **EFFECTING FRONTAL RADIATION MODIFICATION DURING EXPOSURE, E.G., SCREENING, MASKING, STENCILING, ETC.**
397 .Involving motion during exposure, e.g., dodging, etc.
398 **REGENERATING IMAGE PROCESSING COMPOSITION**
399 .Developer
400 .Bleach-fix
401 **POST IMAGING PROCESSING**
402 .Achromatic image from organic compound
403 .With structural limitation
404 .Using web or gel
405 .Containing developer in element
406 .Positive
407 ..Reversal
408 ..Photosolubilization
409 ..Emulsions fogged during processing
410 ...Identified nucleating or fogging agent
411 ..Using fogged emulsion
412 ...Identified electron acceptor or desensitizer containing
413 .Physical developing
414 ..Amplifying
415 ..With processing ingredient in element
416 ..Silver halide as radiation sensitive medium
417 ..Radiation reducible metal compound directly produces catalytic metal nuclei in image area
418 .Disparate function simultaneous process step
419 ..Develop-fix
420 ..Develop-harden
421 .Using plural sequential baths of same type
422 .Treating with processing composition prior to imaging and then developing
423 .Treating with processing composition after imaging prior to developing
424 ..Desensitizing
425 ..Sensitizing
426 ..Prehardening
427 .Treating with process composition between standard develop and fix-wash
428 .Stabilizing
429 ..Containing additive
430 .Bleaching
431 ..Using silver and dye bleach
432 .Including post developing step
433 .Developing in acid medium
434 .Developing
435 ..Using identified developer
436 ...Plural identified developers
437 ....Three or more identified developers
438 ....Containing hydroquinone
439 .....And amino substituted carbocyclic compound
440 ...Heterocyclic
441 ...Carbocyclic
442 ....Amino substituent on carbocyclic ring
443 ...Having developer releasing compound
444 ..Using polymer or condensation reaction product
445 ..Using mercapto or thione compound
446 ..Using heterocyclic compound
447 ..Using inorganic or organometallic complex
448 ..Using processing ingredient in element
449 **NONRADIATION SENSITIVE IMAGE PROCESSING COMPOSITIONS OR PROCESS OF MAKING**
450 .Process of preparing composition from plural preformed concentrates
451 .Hardener
452 ..Develop-harden
453 ..Fix-harden
454 .Shortstop
455 .Fixer
456 ..And developer
457 ...Forming dye image
458 ..Dry or concentrated
459 ..Plural fixers
460 ..And bleach
461 .Bleach or intensification

462 ..Dye bleach for color image
463 .Wash or aftertreat
464 .Developer
465 ..Solid or dry
466 ..Concentrated or viscosity increasing agent containing
467 ..Color developer
468 ...Additional developer containing
469 ...Including developing accelerator
470 ..Coupler containing
471 ...And additional reactive compound containing
472 ...Substituted at coupling position with other than hydrogen
473 ...Phenol or naphthol coupler
474 ...Pyrazolone coupler
475 ...Open-chain keto methylene coupler
476 ...Heterocyclic coupler
477 ..Reducible metal compound including reducing agent, i.e., physical developer
478 ..Plural developer agents containing
479 ...Heavy metal organic or inorganic
480 ...Heterocyclic developer
481 ....And hydroquinone
482 ...Methyl-p-aminophenol and dihydroxy benzene
483 ..Heterocyclic developers
484 ..Amine developer
485 ..Hydroxy developer
486 ..Processing additive containing
487 ...Accelerator
488 ...Antisludgant
489 ...Antifoggant
490 ...Stabilizer-preservative
491 ...Sequestrant
492 ...Buffer
493 ...Surfactant, emulsifier, or solvent
494 **INCLUDING EXPOSURE STEP OR SPECIFIED PRE-EXPOSURE STEP PERFECTING EXPOSURE**
495.1 **RADIATION SENSITIVE PRODUCT**
496 .Structurally defined
497 ..With processing ingredient container or trap
498 ...Container or trap intended to remain in finished product
499 ...With feature to control spreading of processing ingredient
500 ...Roll film
501 ..Roll film
502 .Two or more radiation-sensitive layers containing other than that characterized by the composition of a single sensitive layer
503 ..Layers sensitive to different spectral regions
504 ...Ingredient for color compensation or correction containing
505 ...Developing inhibitor or processing ingredient containing
506 ...And containing plural layers sensitive to the same spectral region
507 ...Filter layer containing
508 ..Sensitive to portion only of visible spectrum or of widened spectral response
509 ..Sensitive layers differ in speed
510 .Antihalation or filter layer containing
511 ..Filters differing spectral regions in different areas of the filter, e.g., color screen
512 ..Filters ultraviolet radiation
513 ..Dissolvable or removable
514 ...Synthetic resin containing
515 ...Carbohydrate or derivative containing
516 ....Contains carboxyl groups
517 ..Organic dye or pigment containing
518 ...And mordant
519 ...Azo
520 ...Triarylmethane
521 ...Anthraquinone or quinhydrone
522 ...Intercyclic methine or azomethine and cyclic ring containing
523 .Identified backing or protective layer containing
524 ..Metal
525 ...And another backing layer other than aluminum oxide
526 ...Aluminum
527 ..Antistatic agent containing
528 ...Ammonium salt

529 ...Organic carboxylic, sulfur or phosphorus acid or salt
530 ...Elemental metal or metal salt
531 ..Synthetic resin or cellulose derivative containing
532 ...Subjected to radiation, flame, or corona discharge
533 ...Polyester or polycarbonate
534 ....Next to polymer of unsaturated monomer
535 .....Polymer of unsaturated ester or halide
536 ...Polymer of unsaturated monomer
537 ....In nonradiation-sensitive layer including gelatin
538 ..Fibrous, e.g., paper, textile, etc.
539 ..Gelatin other than radiation sensitive type
540 .Iron compound sensitizer containing
541 .Identified radiation sensitive composition with color producing substance
542 ..Silver compound sensitizer
543 ...Coupler containing
544 ....And development inhibitor or development inhibitor releasing agent
545 ....And identified binder
546 ....And solvent or emulsifier or coating aid
547 ....Direct positive
548 ....Polymeric or bis coupler
549 ....Mixture of couplers
550 ....And chemical or optical sensitizer
551 ....And antifoggant or color stabilizer
552 ....Phenol or naphthol coupler
553 .....Substituted at coupling position with other than hydrogen
554 ....2-pyrazolin-5-one coupler
555 .....Substituted at coupling position with other than hydrogen
556 ....Open chain keto-methylene coupler
557 .....Substituted at coupling position with other than hydrogen
558 ....Heterocyclic coupler
559 ...Dye containing
560 ....And optical sensitizer
561 ....Azo dye
562 .....Monoazo
563 .....Diazo
564 .Silver compound sensitizer containing
565 ..Achromatic image forming organic compound
566 ..Developing or fixing agents containing for liquid processing
567 ..Silver compound having specified crystal form, habit, particle size or particle size distribution
568 ...Having particle size of 100 millimicrons or less, e.g., Lippmann type, etc.
569 ..Including manipulative emulsification step
570 ..Spectral sensitizing
571 ...Mixed grain
572 ...Multiple sensitizers or supersensitizing
573 ....Polyheteronuclear sensitizer
574 ....Two or more cyanine sensitizers
575 ....Inorganic material containing
576 ....Cyanine sensitizer
577 .....Merocyanine compound
578 ...Polyhetero nuclear containing at least three heterocyclic nuclei
579 ....Four or more distinct heterocyclic nuclei
580 ...Styryl sensitizer
581 ...Cyanine sensitizer
582 ....Methine linked six-membered heterocyclic rings
583 ....Containing odd number of methine groups
584 .....Five or more methine groups
585 .....Three methine groups, i.e., carbocyanines
586 ......Linking six-membered hetero to five-membered hetero
587 ......Hetero ring bridged or fused to hetero ring
588 ......Hetero rings bridged or fused to carbocyclic rings
589 ....Direct positive
590 ......Only one hetero ring fused or bridged to carbocyclic ring
591 ...Two or more separate ring structures

592 ....Intercyclic methine chain sensitizer
593 .....Methine linked hetero ring with hetero group bridged or fused thereto
594 .....One or both methine linked rings carbocyclic
595 .....Odd number of carbons in acyclic methine chain
596 ..Fogged direct positive
597 ...Identified desensitizer or electron acceptor containing
598 ..Fogging or nucleating agent containing
599 ..Hypersensitizing or latensifying ingredient containing
600 ...Heterocyclic N, O, S, Se, or Te compound containing
601 ...Phosphorus compound
602 ...Polyoxyalkylene compound
603 ...S, Se, or Te or compound thereof
604 ...Heavy metal or compound thereof
605 ....Noble metal or compound thereof
606 ..Desensitizing ingredient containing
607 ..Stabilizing or fog inhibiting ingredient containing
608 ...Inorganic material
609 ...Synthetic organic polymer
610 ...Phosphorus compound
611 ...Mercaptan, thioether, thione, disulfide or organic bisulfite
612 ...Organic metal compound
613 ...Heterocyclic compound
614 ....Polyhetero atom ring
615 .....Polyhetero atom ring fused to another ring having polyhetero atoms
616 ..Composition for visible imaging by radiation only
617 ..Silver compound other than halide, per se, or composition for thermographic process
618 ...Organic silver compound containing
619 ....And inorganic silver compound
620 ....Silver salt of organic acid
621 ..Hardening ingredient containing
622 ...Vinylidene compound
623 ...Heterocyclic compound
624 ....Epoxide, i.e., oxirane
625 ....Aziridine
626 ....Triazine including hydrogenated triazine
627 ..Resin or synthetic polymer containing
628 ...Protein or other natural colloid or derivative containing
629 ...Sulfur or sulfur compound containing
630 ...Heterocyclic compound containing, e.g., heterocyclic monomer, etc.
631 ..Film or film coating improvement ingredient containing, e.g., wetting agent, coating aid, plasticizer, antistatic agent, etc.
632 ...Rosin acid or derivative
633 ...Higher fatty acid or derivative
634 ...Polycarboxylic or polysulfoxy acid or derivative
635 ...Carboxylic acid or derivative
636 ...Sulfoxy compound or derivative
637 ...Polyglycidol, polyglycol, polyoxyalkylene oxide, or ether or ester thereof
638 ...Alkyl or cycloalkyl alcohol or ether or ester thereof
639 ..Carbohydrate or derivative containing
640 ...Gelatin or derivative containing
641 ...Cellulose or derivative, e.g., regenerated cellulose, etc.
642 ..Gelatin or derivative containing
643 ..Casein or derivative containing
644 **MISCELLANEOUS**

CROSS-REFERENCE ART COLLECTIONS

ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY, ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS, COMPOSITION, OR PRODUCT

900 .Donor-acceptor complex photoconductor
901 .Photoconductor powder

902 .Electrically charging radiation-conductive surface
970 .Radiation sensitive composition or product containing specified antioxidant
903 .One component toner
904 .Polymer in developer

IMAGING AFFECTING PHYSICAL PROPERTY OR RADIATION SENSITIVE MATERIAL, OR PRODUCING NONPLANAR OR PRINTING SURFACE - PROCESS, COMPOSITION, OR PRODUCT

.Radiation sensitive composition or product or process of making
905 ..Binder containing
906 ...Polyamide or polyurethane
907 ...Polyolefin or halogen containing
908 ...Polyester
909 ...Vinyl alcohol polymer or derivative
910 ...Polymer of unsaturated acid or ester
911 ...Cellulosic
912 ...With plasticizer
913 ..Initiator containing
914 ...Cationic or anionic
915 ...Redox or dye sensitizer
916 ...Free radical
917 ...With inhibitor or stabilizer
918 ....Hydroxyl or carbonyl group containing as sole functional groups
919 ...Nitrogen compound containing
920 ....Nitrogen in heterocyclic ring
921 ...Sulfur compound containing
922 ....Sulfur in heterocyclic ring
923 ...Carbonyl compound containing
924 ....Carbonyl in heterocyclic compound
925 ...Halogen compound containing
926 ..Spectral sensitizer containing
927 ..Radiation-activated cross-linking agent containing
928 **AERIAL FILMS OR PROCESSES SPECIFICALLY ADAPTED FOR AERIAL RADIAION IMAGERY**
929 **ANTIBRONZE AGENT OR PROCESS**
930 **ANTICURL LAYER**
931 **ANTI-ULTRAVIOLET FADING**
932 **BINDER-FREE EMULSION**
933 **BRIGHTENER CONTAINING**
934 **CINE FILM**
935 **COATING PROCESS MAKING RADIATION SENSITIVE ELEMENT**
936 **COBALT COMPLEX CONTAINING**
937 **CORONA DISCHARGE PROCESS**
938 **DEFECT COATING**
939 **DIMENSIONALLY STABLE MATERIAL**
940 **DIRECT POSITIVE MATERIAL**
941 **DYE MORDANT**
942 **ELECTRON BEAM**
943 **HYDROGEN PEROXIDE TREATMENT**
944 **INFRARED**
945 **LASER BEAM**
946 **LENTICULAR**
947 **LIGHT SENSITIVE TITANIUM COMPOUND CONTAINING**
948 **LIPPMANN**
949 **LITHOGRAPHIC EMULSION**
950 **MATTING OR OTHER SURFACE REFLECTIVITY ALTERING MATERIAL**
951 **MAKING CAMERA COPY, E.G., MECHANICAL NEGATIVE, ETC.**
952 **MULTIPLE IMAGE PRODUCING ON SINGLE RECEIVER**
953 **NEUTRON BEAM**
954 **NONRESINOUS ADDITIVE TO PROMOTE INTERLAYER ADHESION IN ELEMENT**
955 **PRECURSOR COMPOUND**
956 .Interlayer correction coupler (ICC)
957 .Development inhibitor releaser (DIR)
958 .Development dye releaser (DDR)
959 .Blocked developers
960 .Blocked restrainers
961 **PROTECTIVE OR ANTIABRASION LAYER**
962 **RADIATION-CHROMIC COMPOUND**
963 **RAPID ACCESS PROCESSING**
964 **THERMAL IMAGING COMPOSITION**
965 **TONER CONTAINING**
966 **X-RAY**
967 .X-ray exposure process

FOREIGN ART COLLECTIONS

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**

Any foreign patents or nonpatent literature from subclasses that have been reclassified have been transferred directly to the FOR Collections listed below. These Collections contain ONLY foreign patents or nonpatent literature. The parenthetical references in the Collection titles refer to the abolished subclasses from which these Collections were derived.

ELECTRIC OR MAGNETIC IMAGERY, E.G., XEROGRAPHY, ELECTROGRAPHY, MAGNETOGRAPHY, ETC., PROCESS, COMPOSITION, OR PRODUCT (430/31)

FOR 100 .To produce color reproduction (i.e., color named, or more than one color specified) (430/42)
FOR 101 ..Color correction (430/43)
FOR 102 ..Manipulation of color separation image to obtain multicolor image in registration (430/44)
FOR 103 ..Identified developing composition or identified developing feature (430/45)
FOR 104 ..Identified radiation-conductive element or composition (430/46)
FOR 105 ..Identified receptor or named image transfer feature (430/47)
FOR 106 .To produce printing surface (430/49)
.Post imaging process, finishing, or perfecting composition or product (430/97)
FOR 107 ..Fixing image by pressure only (430/98)
FOR 108 ..Fixing image by heated metal roller (430/99)
FOR 109 ..Liquid development (430/117)
FOR 110 ...Wetting development (430/118)
FOR 111 ...Charged solid particles deposited out of insulating liquid carrier (430/119)
FOR 112 ..Dry powder developing (430/120)
FOR 113 ...Cascade (430/121)
FOR 114 ...Using magnetic brush (430/122)
FOR 115 ...Using fur brush (430/123)
FOR 116 ..Fixing image (430/124)
FOR 117 ..Cleaning radiation-conductive surface (430/125)
FOR 118 ..Transfer of image to different surface (430/126)