

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

CLASSIFICATION ORDER 1917

MARCH 6, 2012

PROJECT E-6954

The following classification changes will be effected by this order:

	<u>Class</u>	<u>Subclass</u>	<u>Art Unit</u>	<u>Ex'r Search Room</u>
<b>Abolished:</b>	351	159-177	2873	OS0001
<b>Established:</b>	351	159.01-159.09, 159.1, 159.11-159.19, 159.2, 159.21-159.29, 159.3, 159.31-150.39, 159.4, 159.41-159.49, 159.5, 159.51-159.59, 159.6, 159.61-159.69, 159.7, 159.71-159.79, 159.8, 159.81	2873	OS0001

The following classes are also impacted by this order:

29, 65, 359, 424, 427, 430, 451, 523, 623

This order includes the following:

- A. CLASSIFICATION MANUAL CHANGES
- B. LISTING OF PRINCIPAL SOURCE OF ESTABLISHED AND DISPOSITION OF ABOLISHED SUBCLASSES
- C. CHANGES TO THE USPC-TO-IPC CONCORDANCE
- D. DEFINITION CHANGES AND NEW OR ADDITIONAL DEFINITIONS

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PROJECT E-6954

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200	<b>EYE EXAMINING OR TESTING INSTRUMENT</b>	236	...Movable along optical axis
201	.For fusion and space perception testing (e.g., stereoscopic vision)	237	..Including target image projection
202	..Of abnormal muscular functioning	238	...Tachistoscope type
203	.Eye exercising or training type	239	..Including test chart or target
204	.For interpupillary distance measuring or lens positioning	240	...Stereoscopic type
205	.Objective type	241	...Astigmatism type
206	..Including eye photography	242	...Chromaticity type
207	...Having spurious reflection blocking	243	...Illuminated
208	...Having means to detect proper distance or alignment (i.e., eye to instrument)	244	...Having support or cabinet
209	..Including eye movement detection	245	.Support
210	...Using photodetector	246	.Methods of use
211	..Including projected target image	247	..For contact lens fitting
212	...For cornea curvature measurement	41	<b>SPECTACLES AND EYEGLASSES</b>
213	..Including light filter or absorber	42	.Lens repair devices
214	..Including diaphragm or slit	43	.Floating or underwater type
215	..Including light polarizing means	44	.With antiglare or shading
216	..Including lens selectively insertable in optical path	45	..Partially occluding the light- path area
217	...On rotary disc	46	..Perforated opaque plates or shields
218	...Hand held type	47	..Removable and/or adjustable filters or screens (e.g., clip-on type)
219	..With contact lens	48	...Spring biased
220	..Including reflectors with off- set surfaces	49	..Polarizing
221	..Including illuminator	50	.With rear-view reflectors
222	.Subjective type	51	.With decoration or ornamentation
223	..Self examining type	52	..Detachably secured
224	..Perimeter type	53	.Shooting type
225	...With rotatable arm	54	.Invertible or reversible multifocal type
226	...With bowl type screen	55	.With vertical adjustment of multifocal lenses
227	..Including trial frame	56	.Lorgnette type
228	..With multifocal lens	57	.With auxiliary lenses movable in and out of the optical path (e.g., clip-on type attachments)
229	..With plural lens carrier	58	..Spring biased or secured by friction members
230	..With individual lens holder	59	.Lens pivots in and out of optical path
231	..Removably attachable to eye glass frame	60	.With lens suspension bar (e.g., torsion bar)
232	..With light polarizing lens	61	.U-shape or half-moon lens below eye level
233	..Lens or filter selectively insertable in optical path	62	.With moisture prevention or absorption
234	...Mounted on rotatable disc	63	.Folding
235	...Having plural disc carrier	64	..Pince-nez type

65	.Pince-nez type (including pince- nez bridges, nose grips and nose pads therefor)	100	..Clamp and temple pivot screw coincident on rim clamping arm
66	..With ear chain or temple	101	..Metal clamps embrace the rims and connect to bridge and/or temples
67	..Plural bridges		
68	..With resilient extensible bridge	102	..Combined metal and plastic rims
69	..Lens and nose grip movable on flexible bridge	103	.Brace arm or semi-rimless mounting
70	..Posts or studs connecting bridge and nose grip	104	..Arm or rim of plastic or of different material (e.g., metal and plastic)
71	..With spring biased nose grips	105	..Detachable brace arm
72	..With pivoting levers	106	..Screwless lens mounting
73	...With flat spiral springs	107	..With adjustable lens or frame part
74	...With springs below bridge		
75	...With springs encased	108	..Brace arm supports lens at two spaced points or constitutes a partial rim
76	..With adjustable or rockable nose grips or pads	109	..Brace arm extends along edge of lens
77	..With ball joints	110	.Rimless mounting
78	..Nose pads or cushions	111	.Temples
79	...Plural pad parts engage the nose	112	..With pocket clip or clasp
80	...Detachable	113	..Spring biased
81	...Perforated or serrated	114	..Resilient or flexible
82	...Fluid-filled or suction type	115	..Reversible or axially rotatable
83	.Continuous rim mounting	116	..Detachable
84	..With rotating means for multifocal lenses	117	..With covered core or rod (e.g., reinforced)
85	..Upper rim portion slotted	118	..Extensible (e.g., with adjustable sleeve member
86	..With lens retaining or locking means	119	..Two-part type (e.g., jointed)
87	..Nose guards or pads integral with frame	120	..Inclined to lens plane
88	..Nose guards or pads removable or adjustable	121	..With connector
89	..With brace arm temple support	122	..With skin protecting earpiece covering
90	.Split rim mounting	123	..With head or ear engaging attachments
91	..With brow pieces or top arms		
92	..Screwless lens mounting	124	.Bridges
93	..With brace arm supports for temple or lens	125	..Crossbar type
94	..With auxiliary bridge	126	..Flexible
95	..Expansible and contractible lens rim	127	...Ball or chain type
96	..Locking member secures lens against rotation	128	..Adjustable
97	..Split connected by U-clamps or pivot links	129	..Reinforced
98	..Split on nasal side of rim (i.e., at bridge)	130	..With auxiliary support
99	..Clamp and temple pivot screw spaced along rim clamping arm	131	..With nose grip or guard integral with bridge
		132	..With nose grip, nose guard, pad, or cushion
		133	..With connectors or straps
		134	...Unitary bridge and straps
		135	...With lens clamping straps
		136	.Nose pads or cushions

137	..Adjustable, rockable, or pivotable	159.22	...Astigmatic correction
138	..Detachable	159.23	...Orthokeratology contact lens
139	..With cover or coating	159.24	...Colored
140	.Connectors	159.25	....Digitally encoded
141	..With screw locking means	159.26	....Having a diffractive portion
142	..Strap type	159.27	....With polarization
143	...With particular bracing bar or stud	159.28	....With indicia
144	...With cementing or fusing	159.29	....Protective color
145	...With cushion around lens screw or bolt	159.3	....Multiple colors
146	....Sleeve or bushing	159.31	....Graded density distribution
147	..With serrated interengaging parts	159.32	....Particular color
148	..Adjusting	159.33	...Hydrophilic
149	..With interengaging projection and recess	159.34	...Fluid lens
150	...With resilient parts (e.g., resilient strap arms)	159.35	...Having a diffractive portion
151	....Spring between lens and strap	159.36	...Having a means to limit or facilitate movement
152	..With clamping arms	159.37	...Aspherical
153	..With particular hinge	159.38	....Toric
154	.Lens linings or rims	159.39	..Electro-active
155	.With support or holder (e.g., on hat or cap)	159.4	...Multifocal
156	..With head embracing bow or chain	159.41	..Multifocal
157	..Neck retainers	159.42	...Progressive
158	.Combined	159.43	...Three or more foci
159.01	.Ophthalmic lenses	159.44	...Having a diffractive portion
159.02	..Eye contact	159.45	..With prismatic segment
159.03	...Electro-active	159.46	...Astigmatic correction
159.04	...With fluid exchange means	159.47	...Aspherical
159.05	...Multifocal	159.48	...Multiple elements
159.06	....Progressive	159.49	...With light filtering means
159.07	....Astigmatic correction	159.5	..Image size (anisekonion) correction
159.08	....Lens pairs having differing profile	159.51	..Lens for aphakic eye
159.09	....Ghost image or blur reduction	159.52	..Focus or astigmatism correction
159.1	....Specific viewing zones	159.53	...Aspherical lens
159.11	.....Having diffractive portion	159.54	....Toric
159.12	.....Annular zones	159.55	..Ghosting
159.13	.....Aspheric zone	159.56	..With polarization
159.14	.....Segmented zones	159.57	..With lens protective layer
159.15	....Having a diffractive portion	159.58	..Prismatic
159.16	....With off-axis viewing zone	159.59	...With light filtering means
159.17	....Prismatic	159.6	..With light filtering means
159.18	....Having means to regulate pressure	159.61	...Photochromatic
159.19	....Having a means to limit or facilitate movement	159.62	...Laminated structure
159.2	....Aspherical	159.63	...With different light absorption sections
159.21	.....Toric	159.64	....Gradient sections
		159.65	...Specific light filtering range
		159.66	..Having color
		159.67	..With beveled, polished, or reinforced edges
		159.68	..Fluid lens
		159.69	..With indicia or marking
		159.7	..Multiple elements
		159.71	..Aspherical

159.72	...Toric	FOR 115	..Image size (aniseikonia) correction (351/173)
159.73	..Methods		
159.74	...Lens design	FOR 116	..With beveled, polished or reinforced edges (351/174)
159.75	....Eyeglasses or spectacles		
159.76	.....Optimization	FOR 117	..Prismatic type (351/175)
159.77	....Optimization	FOR 118	..Focus and/or astigmatism correction (351/176)
159.78	...Eye treatment correcting or relieving (without medication)	FOR 119	..Methods (351/177)
159.79	....Myopia		
159.8	...Lens marking		
159.81	...Creating visual effects		
178	.Methods (e.g., securing lenses in mountings)		

### **FOREIGN ART COLLECTIONS**

#### **FOR 000 CLASS-RELATED FOREIGN DOCUMENTS**

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

#### **SPECTACLES AND EYEGLASSES (351/41)**

FOR 100	.Ophthalmic lenses or blanks (351/159)
FOR 101	..Eye contact type (351/160R)
FOR 102	...Multifocal (351/161)
FOR 103	...Colored (351/162)
FOR 104	...Hydrophilic (351/160H)
FOR 105	..With light filtering means (351/163)
FOR 106	...Multifocal (351/164)
FOR 107	...With sections of different light absorption (351/165)
FOR 108	..With lens protective layers (351/166)
FOR 109	..Cataract correction type (351/ 167)
FOR 110	..Multifocal (351/168)
FOR 111	...Gradually varying focal power (351/169)
FOR 112	...With prismatic segment (351/ 170)
FOR 113	...Three or more foci (351/171)
FOR 114	...Multiple elements (351/172)

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IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
206/484	1	351/159	257
351/159.01	1	351/162	103
	1	351/175	18
	2	351/161	225
	2	351/167	24
	4	351/168	104
	4	351/177	298
	5	351/159	257
	5	351/160 R	279
	5	351/163	133
	93	351/159	257
351/159.02	1	351/160 R	279
	1	351/171	66
	1	351/172	88
	1	351/175	18
	2	351/159	257
	2	351/160 H	120
	2	351/164	22
	7	351/177	298
	9	351/161	225
	15	351/162	103
	17	351/159	257
	21	351/160 H	120
	111	351/160 R	279
351/159.03	1	351/162	103
	3	351/159	257
	3	351/177	298
	9	351/159	257
	9	351/160 R	279
351/159.04	1	351/159	257
	1	351/159	257
	1	351/161	225
	1	351/169	243
	12	351/160 R	279
351/159.05	1	351/164	22

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<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
351/159.05	1	351/168	104
	1	351/175	18
	2	351/160 H	120
	3	351/159	257
	4	351/160 R	279
	6	351/159	257
	8	351/161	225
	8	351/177	298
351/159.06	1	351/162	103
	1	351/170	18
	1	351/177	298
	2	351/159	257
	2	351/169	243
	3	351/160 R	279
	3	351/161	225
351/159.07	11	351/177	298
	1	351/160 R	279
	4	351/161	225
	5	351/159	257
	2	351/159	257
351/159.08	4	351/161	225
	2	351/159	257
351/159.09	2	351/161	225
	2	351/159	257
351/159.1	1	351/159	257
	1	351/160 H	120
	1	351/165	32
	3	351/161	225
	19	351/160 R	279
351/159.11	1	351/159	257
	1	351/160 H	120
	1	351/161	225
	1	351/177	298
	3	351/159	257
	3	351/160 R	279
351/159.12	1	351/160 H	120
	1	351/160 R	279

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351/159.05	1	351/162	103
	2	351/160 H	120
	3	351/161	225
351/159.13	1	351/159	257
351/159.14	1	351/159	257
	1	351/159	257
	1	351/160 R	279
	1	351/161	225
	5	351/160 H	120
	5	351/161	225
	12	351/160 R	279
351/159.15	1	351/161	225
351/159.16	2	351/160 R	279
351/159.17	1	351/169	243
	1	351/170	18
	2	351/160 H	120
351/159.18	1	351/159	257
	2	351/161	225
351/159.19	1	351/160 R	279
	1	351/161	225
	2	351/159	257
	2	351/160 H	120
	2	351/177	298
	10	351/159	257
351/159.2	3	351/177	298
	10	351/159	257
	11	351/160 R	279
351/159.21	1	351/159	257
	1	351/169	243
	6	351/161	225
	9	351/160 H	120
	9	351/160 R	279
351/159.22	1	351/161	225
	2	351/177	298
	3	351/160 H	120
	3	351/160 R	279

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<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
351/159.23	2	351/161	225
	10	351/160 R	279
351/159.24	1	351/165	32
	13	351/177	298
	38	351/162	103
351/159.25	5	351/162	103
351/159.26	1	351/177	298
	2	351/162	103
351/159.27	2	351/162	103
351/159.28	1	351/160 R	279
	1	351/162	103
	1	351/163	133
	2	351/177	298
	17	351/162	103
351/159.29	4	351/162	103
351/159.3	4	351/162	103
351/159.31	1	351/162	103
351/159.32	2	351/177	298
	6	351/162	103
351/159.33	1	351/160 H	120
	1	351/162	103
	1	351/162	103
	2	351/161	225
	2	351/177	298
	3	351/159	257
	22	351/160 R	279
	57	351/160 H	120
351/159.34	1	351/159	257
	1	351/168	104
	2	351/160 R	279
	5	351/160 H	120
351/159.35	1	351/159	257
351/159.37	2	351/160 R	279
351/159.38	4	351/160 H	120
351/159.39	1	351/159	257
	1	351/161	225

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<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
351/159.39	2	351/161	225
	1	351/169	243
	1	351/177	298
	3	351/168	104
	6	351/159	257
351/159.4	1	351/160 R	279
351/159.41	1	351/165	32
	1	351/171	66
	3	351/159	257
	5	351/167	24
	6	351/169	243
	17	351/164	22
	51	351/168	104
	100	351/161	225
351/159.42	1	351/159	257
	1	351/168	104
	1	351/171	66
	2	351/177	298
	3	351/169	243
	8	351/168	104
	10	351/161	225
	213	351/169	243
351/159.43	1	351/165	32
	1	351/177	298
	2	351/169	243
	3	351/168	104
	4	351/161	225
	63	351/171	66
351/159.44	1	351/169	243
	12	351/161	225
	12	351/168	104
351/159.45	1	351/161	225
	1	351/169	243
	16	351/170	18
351/159.46	1	351/167	24
	2	351/168	104

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<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
351/159.46	2	351/161	225
	4	351/161	225
	5	351/169	243
351/159.47	2	351/168	104
	2	351/169	243
	14	351/161	225
351/159.48	1	351/169	243
	9	351/161	225
	14	351/168	104
	87	351/172	88
351/159.49	1	351/162	103
	1	351/164	22
	2	351/161	225
351/159.5	12	351/173	12
351/159.51	1	351/169	243
	2	351/160 R	279
	8	351/167	24
351/159.52	1	351/177	298
	43	351/176	43
351/159.53	6	351/167	24
351/159.54	1	351/161	225
	1	351/168	104
351/159.56	1	351/163	133
	1	351/165	32
	3	351/159	257
	3	351/177	298
	18	351/163	133
351/159.57	1	351/177	298
	2	351/167	24
	10	351/159	257
	29	351/166	29
351/159.58	1	351/160 R	279
	1	351/174	12
	15	351/175	18
351/159.59	2	351/163	133
351/159.6	2	351/159	257

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351/159.6	2	351/165	32
	41	351/163	133
351/159.61	1	351/163	133
	1	351/164	22
	1	351/165	32
	4	351/177	298
	15	351/163	133
351/159.62	1	351/163	133
	1	351/169	243
	2	351/159	257
	3	351/165	32
	9	351/177	298
	22	351/163	133
351/159.63	10	351/163	133
	14	351/165	32
351/159.64	2	351/163	133
	5	351/165	32
351/159.65	1	351/159	257
	1	351/163	133
	1	351/165	32
	11	351/163	133
351/159.66	1	351/159	257
	1	351/160 R	279
	1	351/177	298
	2	351/163	133
351/159.67	1	351/159	257
	1	351/168	104
	3	351/160 R	279
	11	351/174	12
351/159.68	2	351/160 R	279
	2	351/177	298
	4	351/159	257
351/159.69	1	351/165	32
	3	351/159	257
	5	351/177	298
	9	351/160 R	279

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<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
351/159.7	1	351/159	257
	1	351/161	225
	3	351/160 R	279
351/159.71	1	351/177	298
	6	351/159	257
351/159.72	2	351/159	257
	2	351/177	298
351/159.73	1	351/160 H	120
	1	351/161	225
	2	351/159	257
	3	351/160 R	279
	9	351/159	257
	34	351/177	298
351/159.74	1	351/162	103
	1	351/169	243
	2	351/160 R	279
	4	351/159	257
	4	351/161	225
	5	351/160 R	279
	5	351/177	298
	76	351/177	298
351/159.75	5	351/159	257
	46	351/177	298
351/159.76	1	351/177	298
	7	351/177	298
351/159.78	13	351/177	298
351/159.79	1	351/159	257
	9	351/177	298
351/159.8	1	351/160 R	279
	1	351/177	298
	4	351/177	298
351/159.81	7	351/177	298
359/362	1	351/160 H	120
435/176	1	351/160 R	279

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DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

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<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/177	298	351/159.02	7
351/160 R	279	351/159.05	4
351/159	257	351/159.13	1
351/175	18	351/159.58	15
351/160 R	279	351/159.7	3
351/177	298	351/159.03	3
351/168	104	351/159.39	3
351/159	257	351/159.01	93
		351/159.04	1
351/169	243	351/159.48	1
351/161	225	351/159.05	8
351/164	22	351/159.05	1
		351/159.61	1
351/159	257	351/159.03	9
351/177	298	351/159.33	2
351/163	133	351/159.66	2
351/160 R	279	351/159.2	11
351/161	225	351/159.01	2
351/159	257	351/159.09	2
351/162	103	351/159.12	1
351/160 H	120	351/159.34	5
351/169	243	351/159.42	213
351/160 R	279	351/159.58	1
351/159	257	351/159.62	2
351/163	133	351/159.63	10
351/162	103	351/159.29	4
351/159	257	351/159.33	3
351/177	298	351/159.26	1
351/159	257	351/159.01	5
		351/159.11	1
		351/159.18	1
		351/159.03	3
351/177	298	351/159.74	5
351/168	104	351/159.42	1
		351/159.34	1
351/163	133	351/159.56	1

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PROJECT E-6954

DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/159	257	206/484	1
351/161	225	351/159.12	3
351/160 H	120	351/159.33	57
351/169	243	351/159.47	2
351/160 R	279	351/159.73	3
351/168	104	351/159.01	4
351/161	225	351/159.18	2
351/159	257	351/159.34	1
351/160 R	279	351/159.69	9
351/177	298	351/159.73	34
351/161	225	351/159.21	6
351/177	298	351/159.32	2
351/160 R	279	351/159.67	3
351/174	12	351/159.67	11
351/161	225	351/159.08	4
351/169	243	351/159.21	1
351/163	133	351/159.28	1
351/162	103	351/159.32	6
351/161	225	351/159.39	1
351/168	104	351/159.46	2
351/160 H	120	351/159.11	1
351/177	298	351/159.52	1
351/159	257	351/159.56	3
		351/159.66	1
351/177	298	351/159.76	7
351/162	103	351/159.03	1
351/170	18	351/159.06	1
351/177	298	351/159.05	8
351/161	225	351/159.06	3
351/169	243	351/159.17	1
351/162	103	351/159.3	4
351/160 H	120	351/159.33	1
351/169	243	351/159.42	3
351/160 R	279	351/159.74	2
351/160 H	120	351/159.17	2
351/160 R	279	351/159.21	9

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MARCH 6, 2012

PROJECT E-6954

DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/165	32	351/159.41	1
351/167	24	351/159.53	6
351/161	225	351/159.19	1
351/160 R	279	351/159.22	3
351/169	243	351/159.51	1
351/163	133	351/159.65	11
351/172	88	351/159.02	1
351/161	225	351/159.11	1
		351/159.43	4
351/160 R	279	351/159.37	2
351/177	298	351/159.43	1
351/167	24	351/159.41	5
351/161	225	351/159.45	1
351/177	298	351/159.2	3
351/162	103	351/159.49	1
351/177	298	351/159.8	4
351/160 R	279	351/159.19	1
351/163	133	351/159.56	18
351/165	32	351/159.56	1
351/177	298	351/159.61	4
351/160 H	120	351/159.02	2
351/163	133	351/159.62	1
351/160 R	279	351/159.8	1
351/159	257	351/159.19	2
351/169	243	351/159.39	1
351/162	103	351/159.28	1
351/160 R	279	351/159.02	1
351/177	298	351/159.06	11
351/165	32	351/159.6	2
351/163	133	351/159.62	22
351/177	298	351/159.78	13
351/161	225	351/159.42	10
351/160 R	279	351/159.66	1
351/177	298	351/159.66	1
351/160 R	279	351/159.04	12
		351/159.07	1

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PROJECT E-6954

DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/160 H	120	351/159.14	5
351/159	257	351/159.39	6
		351/159.79	1
		351/159.02	17
351/177	298	351/159.11	1
351/161	225	351/159.22	1
351/159	257	351/159.6	2
351/160 H	120	351/159.19	2
351/162	103	351/159.33	1
351/160 H	120	351/159.38	4
351/161	225	351/159.48	9
351/159	257	351/159.72	2
		351/159.19	10
351/168	104	351/159.42	8
351/169	243	351/159.45	1
351/170	18	351/159.45	16
351/168	104	351/159.47	2
351/166	29	351/159.57	29
351/159	257	351/159.7	1
351/160 R	279	351/159.23	10
351/159	257	351/159.71	6
351/175	18	351/159.01	1
351/170		351/159.17	1
351/177	298	351/159.22	2
351/159	257	351/159.75	5
351/177	298	351/159.79	9
351/159	257	351/159.05	3
351/160 H	120	351/159.12	1
351/160 R	279	351/159.34	2
		351/159.4	1
351/169	243	351/159.06	2
351/159	257	351/159.1	1
351/177	298	351/159.8	1
351/160 H	120	359/362	1
351/160 R	279	435/176	1
351/160 H	120	351/159.02	21

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DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/162	103	351/159.02	15
351/164	22	351/159.02	2
351/159	257	351/159.41	3
351/164	22	351/159.49	1
351/160 R	279	351/159.51	2
		351/159.68	2
351/165	32	351/159.69	1
351/160 R	279	351/159.16	2
351/169	243	351/159.43	2
351/173	12	351/159.5	12
351/165	32	351/159.65	1
351/177	298	351/159.75	46
		351/159.81	7
351/168	104	351/159.05	1
351/160 R	279	351/159.11	3
351/160 H	120	351/159.12	2
351/162	103	351/159.27	2
351/177	298	351/159.39	1
351/159	257	351/159.57	10
		351/159.67	1
		351/159.11	3
351/168	104	351/159.44	12
351/177	298	351/159.42	2
351/167	24	351/159.51	8
351/165	32	351/159.62	3
351/159	257	351/159.74	4
351/175	18	351/159.05	1
351/168	104	351/159.67	1
351/161	225	351/159.02	9
		351/159.1	3
		351/159.49	2
351/165	32	351/159.64	5
351/160 R	279	351/159.74	5
351/159	257	351/159.2	10
351/169	243	351/159.46	5
351/159	257	351/159.73	9

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DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/177	298	351/159.06	1
351/163	133	351/159.65	1
351/177	298	351/159.76	1
351/160 H	120	351/159.73	1
351/159	257	351/159.73	2
351/177	298	351/159.28	2
351/175	18	351/159.02	1
351/159	257	351/159.05	6
351/162	103	351/159.25	5
351/161	225	351/159.33	2
351/159	257	351/159.42	1
351/169	243	351/159.44	1
351/165	32	351/159.61	1
351/160 R	279	351/159.06	3
351/165	32	351/159.43	1
351/177	298	351/159.62	9
351/163	133	351/159.64	2
351/168	104	351/159.41	51
		351/159.54	1
351/162	103	351/159.74	1
351/159	257	351/159.08	2
351/162	103	351/159.26	2
351/169	243	351/159.41	6
351/177	298	351/159.71	1
351/160 H	120	351/159.1	1
351/162	103	351/159.28	17
351/168	104	351/159.48	14
351/161	225	351/159.73	1
351/169	243	351/159.04	1
351/160 R	279	351/159.12	1
351/162	103	351/159.24	38
351/169	243	351/159.74	1
351/161	225	351/159.14	1
351/159	257	351/159.39	1
		351/159.65	1
351/165	32	351/159.24	1

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DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/161	225	351/159.04	1
		351/159.14	5
351/159	257	351/159.14	1
351/171	66	351/159.41	1
351/163	133	351/159.6	41
351/161	225	351/159.74	4
		351/159.47	14
351/160 H	120	351/159.05	2
351/177	298	351/159.56	3
351/163	133	351/159.01	5
351/162	103	351/159.06	1
351/161	225	351/159.46	4
351/172	88	351/159.48	87
351/174	12	351/159.58	1
351/159	257	351/159.69	3
351/160 R	279	351/159.01	5
351/177	298	351/159.74	76
351/160 R	279	351/159.14	12
351/161	225	351/159.54	1
351/167	24	351/159.57	2
351/160 R	279	351/159.1	19
351/168	104	351/159.43	3
351/161	225	351/159.7	1
351/177	298	351/159.72	2
351/160 H	120	351/159.22	3
351/177	298	351/159.24	13
351/163	133	351/159.59	2
351/177	298	351/159.69	5
351/163	133	351/159.61	1
351/169	243	351/159.62	1
351/159	257	351/159.02	2
351/160 R	279	351/159.14	1
351/177	298	351/159.57	1
351/161	225	351/159.07	4
		351/159.09	2
		351/159.15	1

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DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source</u>	<u>Number</u>	<u>New</u>	<u>Number</u>
<u>Classification</u>	<u>of ORs</u>	<u>Classification</u>	<u>of ORs</u>
351/159	257	351/159.35	1
351/161	225	351/159.41	100
351/176	43	351/159.52	43
351/163	133	351/159.61	15
351/159	257	351/159.07	5
351/162	103	351/159.31	1
351/161	225	351/159.44	12
351/162	103	351/159.01	1
351/160 R	279	351/159.03	9
351/177	298	351/159.19	2
351/165	32	351/159.63	14
351/177	298	351/159.68	2
351/159	257	351/159.21	1
351/161	225	351/159.23	2
351/164	22	351/159.41	17
351/160 H	120	351/159.21	9
351/171	66	351/159.42	1
351/177	298	351/159.01	4
351/167	24	351/159.01	2
351/159	257	351/159.06	2
351/160 R	279	351/159.33	22
351/159	257	351/159.68	4
351/160 R	279	351/159.02	111
351/171	66	351/159.02	1
		351/159.43	63
351/167	24	351/159.46	1
351/165	32	351/159.1	1
351/160 R	279	351/159.28	1

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C. CHANGES TO THE USPC-TO-IPC CONCORDANCE

<u>Class</u>	<u>USPC</u> Subclass	<u>Subclass</u>	<u>IPC</u> Notation
351	159.01	G02C	7/02
	159.02	G02C	7/00
			7/02
	159.03	G02C	7/04
			7/00
			7/02
	159.04	G02C	7/04
			7/00
			7/02
	159.05	G02C	7/04
			7/00
			7/02
	159.06	G02C	7/04
			7/00
			7/02
	159.07	G02C	7/04
			7/00
			7/02
	159.08	G02C	7/04
			7/00
			7/02
	159.09	G02C	7/04
			7/00
			7/02
	159.1	G02C	7/04
			7/00
			7/02
	159.11	G02C	7/04
			7/00
			7/02
	159.12	G02C	7/04
			7/00
7/02			
159.13	G02C	7/04	
		7/00	
		7/02	
159.14	G02C	7/04	
		7/00	
		7/02	
159.15	G02C	7/04	
		7/00	
		7/02	
159.16	G02C	7/04	
		7/00	
		7/02	
			7/04

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C. CHANGES TO THE USPC-TO-IPC CONCORDANCE

<u>Class</u>	<u>USPC</u> Subclass	<u>IPC</u> Subclass	<u>Notation</u>
351	159.17	G02C	7/00
			7/02
			7/04
	159.18	G02C	7/00
			7/02
			7/04
	159.19	G02C	7/00
			7/02
			7/04
	159.2	G02C	7/00
			7/02
			7/04
	159.21	G02C	7/00
			7/02
			7/04
	159.22	G02C	7/00
			7/02
			7/04
	159.23	G02C	7/00
			7/02
			7/04
	159.24	G02C	7/00
			7/02
			7/04
	159.25	G02C	7/00
			7/02
			7/04
159.26	G02C	7/00	
		7/02	
		7/04	
159.27	G02C	7/00	
		7/02	
		7/04	
159.28	G02C	7/00	
		7/02	
		7/04	
159.29	G02C	7/00	
		7/02	
		7/04	
159.3	G02C	7/00	
		7/02	
		7/04	
159.31	G02C	7/00	
		7/02	
		7/04	

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C. CHANGES TO THE USPC-TO-IPC CONCORDANCE

<u>Class</u>	<u>USPC</u> Subclass	<u>IPC</u> Subclass	<u>Notation</u>
351	159.32	G02C	7/00
			7/02
			7/04
	159.33	G02C	7/00
			7/02
			7/04
	159.34	G02C	7/00
			7/02
			7/04
	159.35	G02C	7/00
			7/02
			7/04
	159.36	G02C	7/00
			7/02
			7/04
	159.37	G02C	7/00
			7/02
			7/04
	159.38	G02C	7/00
			7/02
			7/04
	159.39	G02C	7/00
			7/02
			7/06
159.4	G02C	7/00	
		7/02	
		7/06	
159.41	G02C	7/00	
		7/02	
		7/06	
159.42	G02C	7/00	
		7/02	
		7/06	
159.43	G02C	7/00	
		7/02	
		7/06	
159.44	G02C	7/00	
		7/02	
		7/06	
159.45	G02C	7/00	
		7/02	
		7/06	
159.46	G02C	7/00	
		7/02	
		7/06	

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C. CHANGES TO THE USPC-TO-IPC CONCORDANCE

<u>Class</u>	<u>USPC</u> Subclass	<u>Subclass</u>	<u>IPC</u> Notation
351	159.47	G02C	7/00
			7/02
			7/06
	159.48	G02C	7/00
			7/02
			7/06
	159.49	G02C	7/00
			7/02
			7/06
	159.5	G02C	7/00
			7/02
			7/08
	159.51	G02C	7/00
			7/02
			7/08
	159.52	G02C	7/00
			7/02
			7/08
	159.53	G02C	7/00
			7/02
			7/08
	159.54	G02C	7/00
			7/02
			7/08
	159.55	G02C	7/00
			7/02
			7/08
	159.56	G02C	7/12
	159.57	G02C	7/16
	159.58	G02C	7/10
7/14			
159.59	G02C	7/10	
		7/14	
159.6	G02C	7/02	
		7/10	
159.61	G02C	7/02	
		7/10	
159.62	G02C	7/02	
		7/10	
159.63	G02C	7/02	
		7/10	
159.64	G02C	7/02	
		7/10	
159.65	G02C	7/02	
		7/10	

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C. CHANGES TO THE USPC-TO-IPC CONCORDANCE

<u>Class</u>	<u>USPC</u> Subclass	<u>IPC</u> Subclass	<u>Notation</u>	
351	159.66	G02C	7/00	
			7/02	
	159.67	G02C	A61B	3/00
			7/00	
	159.68	G02C	7/02	3/00
			7/00	
	159.69	G02C	7/02	3/00
			7/00	
	159.7	G02C	A61B	3/00
			7/00	
	159.71	G02C	7/02	3/00
			7/00	
	159.72	G02C	A61B	3/00
			7/00	
	159.73	G02C	7/02	3/00
			7/00	
	159.74	G02C	A61B	3/00
			7/00	
	159.75	G02C	7/02	3/00
			7/00	
	159.76	G02C	A61B	3/00
			7/00	
	159.77	G02C	7/02	3/00
			7/00	
	159.78	G02C	A61B	3/00
			7/00	
	159.79	G02C	7/02	3/00
7/00				
159.8	G02C	A61B	3/00	
		7/00		
		A61B	3/00	

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C. CHANGES TO THE USPC-TO-IPC CONCORDANCE

<u>Class</u>	<u>USPC</u> <u>Subclass</u>	<u>Subclass</u>	<u>IPC</u> <u>Notation</u>
351	159.81	G02C	7/00 7/02
		A61B	3/00

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D. CHANGES TO THE DEFINITIONS

CLASS 29 – METAL WORKING

Definitions Modified:

Subclass 20: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 177

Insert:

subclasses 159.73 through 159.81

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PROJECT E-6954

D. CHANGES TO THE DEFINITIONS

CLASS 65 – GLASS MANUFACTURING

Definitions Modified:

Class Definition: In Section IV, References to Other Classes, under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 177

Insert:

subclasses 159.73 through 159.81

Subclass 37: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 177

Insert:

subclasses 159.73 through 159.81

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PROJECT E-6954

D. CHANGES TO THE DEFINITIONS

CLASS 351 – OPTICS: EYE EXAMINING, VISION TESTING AND CORRECTING

Definitions Abolished:

Subclasses:

159-177

Definitions Modified:

Subclass 42: Under SEE OR SEARCH THIS CLASS, SUBCLASS

Delete:

177

Insert:

159.73 through 159.81

Subclass 61: Under SEE OR SEARCH THIS CLASS, SUBCLASS

Delete:

168+

Insert:

159.41 through 159.48

Subclass 246: In the (1) Note

Delete:

subclass 177

Insert:

subclasses 159.73 through 159.81

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D. CHANGES TO THE DEFINITIONS

Subclass 247: Under SEE OR SEARCH THIS CLASS, SUBCLASS

Delete:

160

Insert:

159.02 through 159.38

Delete:

177

Insert:

159.73

Under the (2) Note

Delete:

177

Insert:

159.73

Definitions Established:

**159.01 Ophthalmic lenses**

This subclass is indented under subclass 41. Subject matter wherein the lens has a surface so curved as to correct, modify or enhance the vision of an eye by placing the lens in front of or on the eye.

- (1) Note: This subject matter is distinct from, and does not include, multiple component or compound lens systems designed for taking and exhibiting pictures or for use in binoculars, telescopes or microscopes.

SEE OR SEARCH THIS CLASS, SUBCLASS:

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D. CHANGES TO THE DEFINITIONS

41-158, for spectacles and eyeglasses per se.

205-221, for subject matter which may include lenses for examining the eye of a patient.

SEE OR SEARCH CLASS:

2, Apparel, subclasses 426-454 for goggles, per se.

359, Optical: Systems and Elements, appropriate subclasses for multiple component or compound lens systems designed for taking and exhibiting pictures or for use in binoculars, telescopes or microscopes, per se.

623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, subclasses 4.1-6.64 for surgically implanted lenses and corneal implants.

**159.02 Eye contact**

This subclass is indented under subclass 159.01. Subject matter wherein the lens is particularly adapted to be placed directly in contact with, usually on, the cornea of the eye.

SEE OR SEARCH CLASS:

623, Prosthesis (i.e., Artificial Body Members), Parts Thereof, or Aids and Accessories Therefor, subclasses 6.11-6.62 for intraocular lenses (IOLs), per se.

**159.03 Electro-active**

This subclass is indented under subclass 159.02. Subject matter wherein the eye contact ophthalmic lens is composed of a material which, when activated by an applied electric potential, produces an index of refraction that is variable in response to the applied electrical potential.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.39, for electro-active non-eye contacting ophthalmic lenses.

**159.04 With fluid exchange means**

This subclass is indented under subclass 159.02. Subject matter wherein the eye contacting lens provides for or facilitates the transfer of a gas or liquid between the lens surface and the eye.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 665-667 for a fluid lens per se.

**159.05 Multifocal**

This subclass is indented under subclass 159.02. Subject matter wherein the contact lens has two or more zones of different focal lengths for vision correction.

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SEE OR SEARCH THIS CLASS, SUBCLASS:

159.41-159.49, for a non-eye contacting multifocal ophthalmic lens.

159.4, for an non eye-contacting electro-active multifocal ophthalmic lens.

**159.06 Progressive**

This subclass is indented under subclass 159.05. Subject matter wherein the zones of the multifocal contact lens vary gradually in dioptic power.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.42, for a non-eye contacting multifocal progressive ophthalmic lens.

**159.07 Astigmatic correction**

This subclass is indented under subclass 159.05. Subject matter wherein the multifocal eye contact lens compensates for astigmatism\*.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.46, for astigmatic-correcting, multifocal non-eye contacting ophthalmic lens.

159.22, for astigmatic-correcting, eye contacting ophthalmic lens without multiple foci.

**159.08 Lens pairs having differing profile**

This subclass is indented under subclass 159.05. Subject matter having a multifocal contact lens pair wherein each lens has a different zonal configuration.

**159.09 Ghost image or blur reduction**

This subclass is indented under subclass 159.05. Subject matter wherein the eye contacting ophthalmic lens minimizes false images, faint secondary images or out of focus images.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.55, for a non-eye contacting ophthalmic lens for reducing ghosting.

**159.1 Specific viewing zones**

This subclass is indented under subclass 159.05. Subject matter wherein the two or more zones are spatially distinct and defined.

**159.11 Having diffractive portion**

This subclass is indented under subclass 159.1. Subject matter wherein a specific viewing area of the eye contacting multifocal lens causes a light beam to split and interfere with itself.

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SEE OR SEARCH THIS CLASS, SUBCLASS:

159.35, for a monofocal eye-contacting ophthalmic lens having a diffractive portion.

159.15, for an eye-contacting multifocal ophthalmic lens having a diffractive portion without specific viewing zones.

159.26 for a colored eye contacting ophthalmic lens having a diffractive portion.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 358-576 for diffractive lenses per se.

**159.12 Annular zones**

This subclass is indented under subclass 159.1. Subject matter wherein specific viewing zones of the eye contacting multifocal ophthalmic lens are arranged in distinct circular areas positioned about an axis, i.e., in concentric rings.

**159.13 Aspheric zone**

This subclass is indented under subclass 159.12. Subject matter wherein a specific viewing zone of the eye contacting multifocal lens has a slightly less than spheric shape.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.37, for an eye-contacting ophthalmic lens having an aspherical surface.

159.47, for a multifocal non eye-contacting ophthalmic lens having an aspherical surface.

159.53, for a non eye-contacting ophthalmic lens for focus or astigmatism correction having an aspherical surface.

159.71, for a non eye-contacting ophthalmic lens having an aspherical surface.

159.2, for an eye-contacting multifocal ophthalmic lens having an aspherical surface.

**159.14 Segmented zones**

This subclass is indented under subclass 159.1. Subject matter wherein the specific viewing zones of the eye-contacting multifocal lens are arranged in distinct areas converging to an axis.

**159.15 Having a diffractive portion**

This subclass is indented under subclass 159.05. Subject matter wherein the multifocal eye-contacting lens causes a light beam to split and interfere with itself.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.35, for a monofocal eye-contacting ophthalmic lens having a diffractive portion.

159.26, for a colored eye-contacting ophthalmic lens have a diffractive portion.

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SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 358-576 for diffractive lenses per se.

**159.16 With off-axis viewing zone**

This subclass is indented under subclass 159.05. Subject matter wherein the eye-contacting multifocal lens has a nonsymmetrical viewing area with respect to the optical axis of the lens.

**159.17 Prismatic**

This subclass is indented under subclass 159.05. Subject matter wherein the multifocal eye-contacting ophthalmic lens is formed with a wedge or tapered cross-section to deflect incident light from the object to the eye.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.45, for a non eye-contacting prismatic multifocal ophthalmic lens.

159.58, for a non eye-contacting prismatic ophthalmic lens.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 831-837 for prisms, per se.

**159.18 Having means to regulate pressure**

This subclass is indented under subclass 159.05. Subject matter wherein the multifocal eye-contacting ophthalmic lens includes means to apply or relieve force caused by eye fluid.

**159.19 Having a means to limit or facilitate movement**

This subclass is indented under subclass 159.05. Subject matter wherein the multifocal eye-contacting ophthalmic lens includes means which aids or provides for the stabilization or movement of the lens with respect to the eye.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.36, for an eye-contacting ophthalmic lens having a means to limit or facilitate movement.

**159.2 Aspherical**

This subclass is indented under subclass 159.05. Subject matter wherein the multifocal eye-contacting ophthalmic lens has a slightly less than spheric shape.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.37, for an eye-contacting ophthalmic lens having an aspherical surface.

159.47, for a non eye-contacting multifocal ophthalmic lens having an aspherical surface.

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159.53, for a non eye-contacting ophthalmic lens for focus or astigmatism correction having an aspherical surface.

159.71, for a non eye-contacting ophthalmic lens having an aspherical surface.

159.13, for an eye-contacting multifocal ophthalmic lens having an aspherical surface.

**159.21 Toric**

This subclass is indented under subclass 159.2. Subject matter wherein the aspheric multifocal eye-contacting ophthalmic lens has a maximum optical power in one meridian and a minimum optical power in a perpendicular meridian.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.38, for an eye-contacting ophthalmic lens wherein the aspheric surface is toric.

159.54, for a non eye-contacting ophthalmic lens for focus or astigmatism correction where the aspheric surface is toric.

159.72, for a non eye-contacting ophthalmic lens wherein the aspheric surface is toric.

**159.22 Astigmatic correction**

This subclass is indented under subclass 159.02. Subject matter wherein the eye-contacting ophthalmic lens compensates for astigmatism\*.

**159.23 Orthokeratology contact lens**

This subclass is indented under subclass 159.02. Subject matter wherein the eye-contacting ophthalmic lens is a rigid contact lens specifically designed to improve vision through the reshaping of the wearer's cornea.

(1) Note: Orthokeratology contact lenses are normally rigid gas-permeable contact lenses, worn during sleeping usually in an effort to correct myopia.

**159.24 Colored**

This subclass is indented under subclass 159.02. Subject matter wherein the eye-contacting ophthalmic lens comprises, in whole or in part, a hue or tint.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.39, for a non eye-contacting electro-active ophthalmic lens having color.

159.66, for a non eye-contacting ophthalmic lens having color.

**159.25 Digitally encoded**

This subclass is indented under subclass 159.24. Subject matter wherein the tint is applied to the eye-contacting ophthalmic lens via a pixel by pixel process.

**159.26 Having a diffractive portion**

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This subclass is indented under subclass 159.24. Subject matter wherein the colored eye-contacting ophthalmic lens includes an area that causes a light beam to split and interfere with itself.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.11, for an eye-contacting multifocal ophthalmic lens wherein the specific viewing area is diffractive.

159.15, for an eye-contacting multifocal ophthalmic lens having a diffractive portion without specific viewing zones.

159.35, for a monofocal eye-contacting ophthalmic lens having a diffractive portion.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 358-576 for diffractive lenses per se.

**159.27 With polarization**

This subclass is indented under subclass 159.24. Subject matter wherein the colored eye-contacting ophthalmic lens restricts vibrations of the magnetic or electric field vector to a single plane of the incident light.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.55, for a non eye-contacting ophthalmic lens having polarization.

159.56, for a non eye-contacting light filtering ophthalmic lens having polarization.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 483.01-494.01 for polarizing lenses per se.

**159.28 With indicia**

This subclass is indented under subclass 159.24. Subject matter wherein the colored eye-contacting ophthalmic lens further includes distinguishing markings (i.e., letters, numbers, symbols, etc.) on the lens.

SEE OR SEARCH CLASS:

159.69, for ophthalmic lenses with indicia not elsewhere provided for.

**159.29 Protective color**

This subclass is indented under subclass 159.24. Subject matter wherein the color for a colored eye-contacting ophthalmic lens is provided to safeguard the eye of the user from harmful light energy.

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This subclass is indented under subclass 159.24. Subject matter wherein the colored eye-contacting ophthalmic lens comprises two or more hues or tints.

**159.31 Graded density distribution**

This subclass is indented under subclass 159.24. Subject matter wherein the color intensity of the colored eye-contacting ophthalmic lens is applied in a non-random manner.

**159.32 Particular color**

This subclass is indented under subclass 159.24. Subject matter wherein the colored eye-contacting ophthalmic lens comprises a specific hue or tint.

**159.33 Hydrophilic**

This subclass is indented under subclass 159.02. Subject matter wherein the ophthalmic lens is made of a material that has an affinity for water.

**159.34 Fluid lens**

This subclass is indented under subclass 159.02. Subject matter wherein the refractive material in an eye-contacting ophthalmic lens, is a transparent or translucent liquid or gas.

SEE OR SEARCH CLASS:

359 Optical: Systems and Elements, subclasses 665-667 for fluid lenses, per se.

**159.35 Having a diffractive portion**

This subclass is indented under subclass 159.02. Subject matter wherein the eye-contacting ophthalmic lens causes a light beam to split and interfere with itself

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.11, for an eye-contacting multifocal ophthalmic lens having a diffractive portion.

159.26, for a colored eye-contacting ophthalmic lens having a diffractive portion.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 358-576 for diffractive lenses per se.

**159.36 Having a means to limit or facilitate movement**

This subclass is indented under subclass 159.02. Subject matter wherein the eye-contacting ophthalmic lens comprises a means which aids or provides for the stabilization of movement of the lens with respect to the eye.

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159.19, for eye-contacting lenses with means to limit or facilitate movement of the lens.

**159.37 Aspherical**

This subclass is indented under subclass 159.02. Subject matter wherein the eye-contacting ophthalmic lens has a slightly less than spheric shape.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.47, for a multifocal non eye-contacting ophthalmic lens having an aspherical surface.

159.53, for a non eye-contacting ophthalmic lens for focus or astigmatism correction having an aspherical surface.

159.71, for a non eye-contacting ophthalmic lens having an aspherical surface.

159.13, for a multifocal eye-contacting ophthalmic lens having a specific viewing zone that is aspherical.

159.2, for an eye-contacting multifocal ophthalmic lens having an aspherical surface.

**159.38 Toric**

This subclass is indented under subclass 159.37. Subject matter wherein the aspheric eye-contacting ophthalmic lens has a maximum optical power in one meridian and a minimum optical power in a perpendicular meridian.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.54, for a non eye-contacting ophthalmic lens for focus or astigmatism correction wherein the aspheric surface is toric.

159.72, for a non eye-contacting ophthalmic lens wherein the aspheric surface is toric.

159.21, for an eye-contacting multifocal ophthalmic lens wherein the aspheric surface is toric.

**159.39 Electro-active**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens is composed of a material which, when activated by an applied electric potential, produces an index of refraction that is variable in response to the applied electrical potential.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.03, for an electro-active eye-contacting ophthalmic lens.

**159.4 Multifocal**

This subclass is indented under subclass 159.39. Subject matter wherein the electro-active ophthalmic lens has two or more zones of different focal lengths for vision correction.

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SEE OR SEARCH THIS CLASS, SUBCLASS:

159.05-159.21, for an eye-contacting multifocal ophthalmic lens.

159.41-159.49, for an non eye-contacting multifocal ophthalmic lens.

**159.41 Multifocal**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens has two or more zones of different focal lengths for vision correction.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.05-159.21, for an eye-contacting multifocal ophthalmic lens.

159.4, for an non eye-contacting electro-active multifocal ophthalmic lens.

**159.42 Progressive**

This subclass is indented under subclass 159.41. Subject matter wherein the zones of differing focal lengths of the multifocal ophthalmic lens vary gradually in dioptic power.

**159.43 Three or more foci**

This subclass is indented under subclass 159.41. Subject matter wherein the multifocal ophthalmic lens has at least three zones of different focal lengths for vision correction.

- (1) Note. The lens may have countersinks and segments of different refractive powers fused therein, or the lens may be formed of one piece with the near vision and intermediate vision portions ground away. The countersinks and segments as well as the ground-away lens portions in the one-piece lens may be of different dimension and shapes.

**159.44 Having a diffractive portion**

This subclass is indented under subclass 159.41. Subject matter wherein the multifocal ophthalmic lens causes a light beam to split and interfere with itself.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 358-576 for diffractive lenses per se.

**159.45 With prismatic segment**

This subclass is indented under subclass 159.41. Subject matter wherein the ophthalmic lens is formed with a wedge or tapered cross-section to deflect incident light.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.17, for an eye-contacting multifocal prismatic ophthalmic lens.

159.58, for prismatic ophthalmic lenses per se.

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D. CHANGES TO THE DEFINITIONS**159.46 Astigmatic correction**

This subclass is indented under subclass 159.41. Subject matter wherein the multifocal ophthalmic lens compensates for astigmatism\*.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.22, for an astigmatic correcting eye-contacting ophthalmic lens without multiple foci.

159.07, for a multifocal eye-contacting ophthalmic lens with astigmatic correction.

**159.47 Aspherical**

This subclass is indented under subclass 159.41. Subject matter wherein the multifocal ophthalmic lens has a slightly less than spheric shape.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.13, for an eye-contacting, multifocal lens with annular, aspheric zone.

159.37, for an eye-contacting, aspherical monofocal ophthalmic lens.

159.53, for a non eye-contacting ophthalmic lens for focus or astigmatism correction having an aspherical surface.

159.71, for a non eye-contacting ophthalmic lens having an aspherical surface.

159.2, for an eye-contacting multifocal ophthalmic lens having an aspherical surface.

**159.48 Multiple elements**

This subclass is indented under subclass 159.41. Subject matter wherein multiple lens elements of different refractive indices have their adjacent surfaces joined together to provide a unitary multifocal lens that has, for example, a long vision and a reading section.

- (1) Note. The subject matter here comprises, for example, a major glass member having a shallow countersink and a relatively thin segment fused therein, a thin reading segment fused to a major glass surface, or the lens members may be held in place by using frame pieces.

**159.49 With light filtering means**

This subclass is indented under subclass 159.41. Subject matter wherein the ophthalmic multifocal lens has the property of absorbing, blocking or reflecting selected electromagnetic radiation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.6-159.65, for light filtering non-multifocal glasses or spectacles.

159.24, for eye-contacting ophthalmic lenses having color.

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SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 483.01-494.01 for polarization means in general, and subclasses 885-892 for light absorption means in general.

**159.5 Image size (anisokonia) correction**

This subclass is indented under subclass 159.01. Subject matter wherein at least one surface of the ophthalmic lens is shaped to provide a prescribed magnification without refractive power.

- (1) Note. The subject matter here may include the addition of refractive power by suitably grinding the second surface of the lens. This subclass also provides for two lenses (one for each eye), one or both of which may be within the scope of the above definition.

**159.51 Lens for aphakic eye**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens is specially adapted for an eye lacking the crystalline lens due to surgical removal, perforating wound or ulcer, or congenital anomaly.

**159.52 Focus or astigmatism correction**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens has at least one lens surface having a spherical curvature providing dioptics or lens powers for correction of focal errors of the eye or wherein one lens curvature may be in cylindrical or toric form to compensate for astigmatic errors of the eye.

**159.53 Aspherical lens**

This subclass is indented under subclass 159.52. Subject matter wherein the ophthalmic lens for focal or astigmatism correction has a slightly less than spheric shape.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.13, for a multifocal, eye-contacting ophthalmic aspheric lens having annular zones.

159.2, for a multifocal, eye-contacting ophthalmic lens having an aspherical surface.

159.37, for an eye-contacting ophthalmic lens having an aspherical surface.

159.47, for a non eye-contacting multifocal ophthalmic lens having an aspherical surface.

159.71, for a non eye-contacting ophthalmic lens having an aspherical surface.

**159.54 Toric**

This subclass is indented under subclass 159.53. Subject matter wherein the aspheric lens has a maximum optical power in one meridian and a minimum optical power in a perpendicular meridian.

SEE OR SEARCH THIS CLASS, SUBCLASS:

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159.21, for an eye-contacting multifocal ophthalmic lens wherein the aspheric surface is toric.

159.38, for an eye-contacting ophthalmic lens wherein the aspheric surface is toric.

159.72, for a non eye-contacting ophthalmic lens wherein the aspheric surface is toric.

**159.55 Ghosting**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens minimizes false images, faint secondary images and out of focus images.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.09, for a multifocal eye-contacting ophthalmic lens for reducing blur or ghosting.

**159.56 With polarization**

This subclass is indented under subclass 159.39. Subject matter wherein the light filtering ophthalmic lens, in whole or in part, restricts vibrations of the magnetic or electric field vector to a single plane of the incident light.

SEE OR SEARCH THIS CLASS SUBCLASS:

159.27, for a colored, eye-contacting, polarizing ophthalmic lens.

**159.57 With lens protective layer**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens comprises a covering for shielding the lens from physical damage (e.g., scratching, corrosion, breaking, etc.)

**159.58 Prismatic**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens is formed with a wedge or tapered cross section to deflect incident light from the object to the eye.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.45, for a non eye-contacting multifocal prismatic ophthalmic lens.

159.17, for a prismatic multifocal eye-contacting ophthalmic lens.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 831-837 for prisms per se.

**159.59 With light filtering means**

This subclass is indented under subclass 159.58. Subject matter wherein the prismatic ophthalmic lens has the property of absorbing, blocking or reflecting selected electromagnetic radiation.

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D. CHANGES TO THE DEFINITIONS**159.6 With light filtering means**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens has the property of absorbing, blocking or reflecting selected electromagnetic radiation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

44, for antiglare or shading glasses or spectacles.

159.24, for eye-contacting ophthalmic lenses having color.

SEE OR SEARCH CLASS:

359, Optical: Systems and Elements, subclasses 483.01-494.01 for polarization means in general, and subclasses 885-892 for light absorption means in general.

**159.61 Photochromatic**

This subclass is indented under subclass 159.6. Subject matter wherein the light filtering ophthalmic lens transmits light in reverse proportion to the intensity of the input light ray.

**159.62 Laminated structure**

This subclass is indented under subclass 159.6. Subject matter wherein the light filtering ophthalmic lens is constructed in a layered configuration.

**159.63 With different light absorption sections**

This subclass is indented under subclass 159.6. Subject matter wherein the ophthalmic lens has vision areas or zones that permit passage of light having a specified wavelength while blocking, without reflectance or transmittance, all other incident light.

**159.64 Gradient sections**

This subclass is indented under subclass 159.63. Subject matter wherein the light absorbing sections of the ophthalmic lens have a transmittance intensity profile that is non-uniform and non-random.

**159.65 Specific light filtering range**

This subclass is indented under subclass 159.6. Subject matter wherein the light filtering ophthalmic lens filters or blocks a specified wavelength range within the electromagnetic spectrum.

**159.66 Having color**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens comprises, in whole or in part, a hue or tint.

**159.67 With beveled, polished or reinforced edges**

This subclass is indented under subclass 159.01. Subject matter wherein the edge of the ophthalmic lens has been modified as a result of a cutting or grinding process or an addition made to render the periphery smooth or stronger.

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D. CHANGES TO THE DEFINITIONS**159.68 Fluid lens**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens has at least one component or one element which uses a transparent liquid or gas as a refractive material.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.34, for an eye-contacting ophthalmic fluid lens.

159.04, for an eye-contacting ophthalmic lens having a fluid exchanging means.

SEE OR SEARCH CLASS;

359 Optical: Systems and Elements, subclasses 665-667 for a fluid lens per se.

**159.69 With indicia or marking**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens further comprises distinguishing markings (i.e., letters, symbols, etc.) on the lens.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.28, for an eye-contacting colored lens with indicia.

**159.7 Multiple elements**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens is composed of two or more optical elements.

**159.71 Aspherical**

This subclass is indented under subclass 159.01. Subject matter wherein the ophthalmic lens has at least one surface or region that is slightly less than spheric in shape.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.37, for an eye-contacting ophthalmic lens having an aspherical surface.

159.47, for a non eye-contacting multifocal ophthalmic lens having an aspherical surface.

159.53, for a non eye-contacting ophthalmic lens for focus or astigmatism correction having an aspherical lens.

159.13, for an eye-contacting multifocal ophthalmic lens having an aspherical surface.

159.2, for an eye-contacting multifocal ophthalmic lens having an aspherical surface.

**159.72 Toric**

This subclass is indented under subclass 159.71. Subject matter wherein the aspheric ophthalmic lens has a maximum optical power in one meridian and a minimum optical power in a perpendicular meridian.

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SEE OR SEARCH THIS CLASS, SUBCLASS:

159.54, for a non eye-contacting ophthalmic lens for focus or astigmatism correction wherein the aspheric surface is toric.

159.21, for an eye-contacting ophthalmic lens wherein the aspheric surface is toric.

159.38, for an eye-contacting ophthalmic lens wherein the aspheric surface is toric.

**159.73 Methods**

This subclass is indented under subclass 159.01. Subject matter including a process of making ophthalmic lenses not elsewhere classifiable.

(1) Note. This subclass includes process for making contact lenses in general.

SEE OR SEARCH THIS CLASS, SUBCLASS:

247, for a method of fitting a contact lens to the patient's eyeball.

SEE OR SEARCH CLASS:

65, Glass Manufacturing, appropriate subclasses for glass manufacturing, per se.

156, Adhesive Bonding and Miscellaneous Chemical Manufacture, provides for adhesive bonding of such lenses

264, Plastic and Nonmetallic Article Shaping or Treating: Processes, subclasses 1.1-2.7 for optical article shaping or treating.

451, Abrading, provides for grinding or polishing a lens.

**159.74 Lens design**

This subclass is indented under subclass 159.73. Subject matter comprising a method for the development of a plan providing physical parameters for producing an ophthalmic lens.

SEE OR SEARCH CLASS:

703, Data Processing: Structural Design, Modeling, Simulation, and Emulation, for the computer design of physical objects, per se.

**159.75 Eyeglasses or spectacles**

This subclass is indented under subclass 159.74. Subject matter wherein the method for designing a lens is for a lens having structure for positioning or supporting the lens from or on the head of the wearer in a correct operative position.

SEE OR SEARCH THIS CLASS, SUBCLASS:

41, for eyeglasses or spectacles per se.

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D. CHANGES TO THE DEFINITIONS**159.76 Optimization**

This subclass is indented under subclass 159.75. Subject matter wherein the method functions to maximize the efficiency of an eyeglass or spectacle lens's physical parameter.

**159.77 Optimization**

This subclass is indented under subclass 159.74. Subject matter wherein the method functions to maximize the efficiency of an ophthalmic lens's physical parameter.

**159.78 Eye treatment correcting or relieving (without medication)**

This subclass is indented under subclass 159.73. Subject matter wherein the method provides a physical application to the eye to correct an ailment or to offer comfort.

SEE OR SEARCH CLASS:

606, Surgery, subclasses 4-6 for ophthalmic light applying instruments, and subclass 204.25, for applying pressure on the eye.

**159.79 Myopia**

This subclass is indented under subclass 159.78. Subject matter wherein the eye treatment method provides for treatment of a visual defect wherein images are focused in front of the eye's retina.

**159.8 Lens marking**

This subclass is indented under subclass 159.73. Subject matter wherein the method is for providing indicia on the ophthalmic lens.

(1) Note. This subclass provides for the nominal recitation of the printing process.

SEE OR SEARCH THIS CLASS, SUBCLASS:

159.28, for a colored eye-contacting ophthalmic lens having indicia.

159.69, for an ophthalmic lens having indicia.

SEE OR SEARCH CLASS:

101, Printing, for the printing process, per se.

**159.81 Creating visual effects**

This subclass is indented under subclass 159.73. Subject matter wherein the method provides the ophthalmic lens wearer with an artificially ophthalmological anomaly.

**FOREIGN ART COLLECTIONS**

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D. CHANGES TO THE DEFINITIONS

The definitions below correspond to abolished sub-classes from which these collections were formed. See the Foreign Art Collection schedule of this class for specific correspondences. **[Note:** The titles and definitions for *indented* art collections include all the details of the one(s) that are hierarchically superior.]

**FOR 100 Ophthalmic lenses or blanks (351/159):**

This foreign art collection is indented under the class definition. Foreign art collection wherein subject matter is limited to lenses with specific optical characteristics for use in spectacles or eyeglasses, said lenses having surfaces of spherical, cylindrical or toric curvatures for aiding vision or for correcting focal errors of the eye.

- (1) Note. The subject matter here is distinct from and does not include multiple component or compound lens systems designed for example for taking and exhibiting pictures or for use in binoculars, telescopes, and microscopes. See Class 359, Optical: Systems and Elements, subclasses 362+ and 642+ for this subject matter generally.
- (2) Note. The indented subclass 177 includes processes of making ophthalmic lenses as defined above and methods of uniting optical elements to form multifocal lenses wherein steps of grinding or finishing subsequent to uniting are included.

**FOR 101 Eye contact type (351/160 R):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein the lenses are peculiarly adapted to be placed directly in contact with the eyeball and to move with the eyeball.

- (1) Note. The contact lens may comprise ventilating or lubricating channels or ducts to obtain free circulation of lacrimal fluid. The subject matter here may be a compound lens system in which one element is a contact lens worn on the eye and the other element is mounted in front of the eye in the manner of the conventional spectacle lens. The contact lens may comprise a skirt conforming to the conjunctival sac of the eye, said skirt carrying a lens disposed in front of but in spaced relation to the cornea.

**FOR 102 Multifocal (351/161):**

This foreign art collection is indented under FOR 101. Foreign art collection wherein the contact lens comprises two zones of different focal length, one zone to correct the distance vision and another zone to correct the reading vision.

**FOR 103 Colored (351/162):**

This foreign art collection is indented under FOR 101. Foreign art collection wherein the contact lens, or a portion thereof is colored to absorb part of the visible spectrum or to change the color of the iris in the eye.

**FOR 104 Hydrophilic (351/160 H):**

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This foreign art collection is indented under FOR 101. This foreign art collection was derived from an undefined alpha subclass. Consult the documents contained herein to clarify or interpret the title and scope of this foreign art collection.

**FOR 105 With light filtering means (351/163):**

This foreign art collection is indented under FOR 101. Foreign art collection wherein the lenses have the property of absorption of rays in portions of the visible or invisible spectrum, or are combined with additional structure having this property.

- (1) Note. For classification here an ophthalmic lens must be included in the claims specifically or broadly if the disclosure relates to such a lens. Light filters, per se, which may be used with spectacle lenses are classified in Class 359, Optical: Systems and Elements, subclasses 885+. These lenses may be polarizing.

**FOR 106 Multifocal (351/164):**

This foreign art collection is indented under FOR 105. Foreign art collection wherein multifocal lenses absorb certain portions of rays in the visible or invisible spectrum, or are combined with additional structure having such an absorption property.

**FOR 107 With sections of different light absorption (351/165):**

This foreign art collection is indented under FOR 105. Foreign art collection wherein the lenses have vision areas of different light absorptive qualities which may differ in density and/or in frequency (e.g., clear or slightly tinted central glass portions and deeply colored surrounding areas).

**FOR 108 With lens protective layers (351/166):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein one or both surfaces of a lens are covered with a layer or layers and impact resisting, transparent and hardened material; or wherein the lens comprises a pair of glass elements and an intermediate resilient reinforcing adhesive securing these elements together.

**FOR 109 Cataract correction type (351/167):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein the lens is specially adapted to use after the operation for cataract and corrects by being very powerful.

- (1) Note. The lens is usually composite comprising a double convex and a concavo-convex lens secured together, or the lens may comprise a lenticular support or border portion in which a strong vision lens is mounted. The above lens may be unifocal or may comprise lens elements of different refractive indices as to provide a long vision and a reading section, the diopter range usually being between 10 and 18.

**FOR 110 Multifocal (351/168):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein the ophthalmic lens has at least two vision fields of different focal strength.

- (1) Note. The different focal strength may be produced by using material of different refractive indices or different curvatures.

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D. CHANGES TO THE DEFINITIONS**FOR 111 Gradually varying focal power (351/169):**

This foreign art collection is indented under FOR 110. Foreign art collection wherein the multifocal lens has areas gradually changing in dioptric power.

- (1) Note. The lens may have countersink and a segment with different indices of refraction fused therein, or may be formed from one piece or material by providing a continuously varying radius of curvature.

**FOR 112 With prismatic segment (351/170):**

This foreign art collection is indented under FOR 110. Foreign art collection wherein one of the multifocal lens elements has a specific prismatic correction whose prism base is located relative to the optical center of the distance and/or intermediate vision lens sections to give the desired correction.

- (1) Note. The lens section with prismatic correction may be in the form of a segment fused into a lens countersink or the prismatic correction may be formed by grinding a desired area of a multifocal lens made of one piece of material.

**FOR 113 Three or more foci (351/171):**

This foreign art collection is indented under FOR 110. Foreign art collection wherein multifocal lenses have portions of three or more focal powers respectively, for example, for near, intermediate and far vision.

- (1) Note. The above noted lenses may have countersinks and segments of different refractive powers fused therein, or the lenses may be formed of one piece of glass and by grinding away the near vision and intermediate vision portions. The countersinks and segments as well as the ground-away lens portions in the one piece lenses may be of different dimensions and shapes.

**FOR 114 Multiple elements (351/172):**

This foreign art collection is indented under FOR 110. Foreign art collection wherein multiple lens elements of different refractive indices have their adjacent surfaces joined together to provide a unitary multifocal lens that has, for example, a long vision and a reading section.

- (1) Note. The modification here comprises for example a major glass member having a shallow countersink and a relatively thin segment fused therein, a thin reading segment fused to a major glass surface, or the lens members may be held in place by usual frame pieces. The countersinks and segments may be of different dimensions and shapes.

**FOR 115 Image size (aniseikonia) correction (351/173):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein one surface of a lens is shaped so as to give a prescribed image-size correction (magnification) without refractive power.

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- (1) Note. The modification here may comprise the addition of refractive power by suitably grinding the second surface of the lens. This subclass also provides for two lenses (one for each eye), one or both of which may be within the scope of the above definition.

**FOR 116 With beveled, polished or reinforced edges (351/174):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein the edge of the lens is polished, beveled or otherwise modified for protecting or reinforcing the lens for example.

- (1) Note. The modification here is integral with the lens. Subclass 154 above provides for linings and rims separate from the lens.

**FOR 117 Prismatic type (351/175):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein the lens is formed with a wedge or tapered cross section to deflect, for example, the light path from the object to the eye, or to correct strabismus or eye deviation.

**FOR 118 Focus and/or astigmatism correction (351/176):**

This foreign art collection is indented under FOR 100. Foreign art collection wherein one of the lens surfaces has a spherical curvature providing dioptics or lens powers for correction of focal errors of the eye and/or wherein one lens curvature may be in cylindrical or toric form to compensate for astigmatic errors of the eye.

**FOR 119 Methods (351/177):**

This foreign art collection is indented under FOR 100. Foreign art collection including processes of making ophthalmic lenses as there defined and not otherwise classifiable.

- (1) Note. Class 451 provides for grinding or polishing a lens; Class 65 provides for fusion bonding of glass lenses; while Class 156 provides for adhesive bonding of such lenses. The patents classified in this subclass 177 usually claim combinations of these methods, which are beyond the scope of any one of the above classes. See also the reference to these classes below
- (2) Note. This subclass includes processes for forming contact lenses adapted to be in contact with the eyeball, as opposed to the fitting of contact lenses to the eye which are classified in subclass 40 above.

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D. CHANGES TO THE DEFINITIONS

CLASS 359 – OPTICAL: SYSTEMS AND ELEMENTS

Definitions Modified:

Class Definition: In Section IV, References to Other Classes, under SEE OR SEARCH THIS CLASS, SUBCLASS, in the first listed reference to Class 351

Delete:

159+

Insert:

159.01+

Subclass 350: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 163

Insert:

subclasses 159.6 through 159.65

Subclass 642: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

159+

Insert:

159.01+

Subclass 665: Under SEE OR SEARCH CLASS, in the reference to Class 351

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Delete:

subclass 159

Insert:

subclasses 159.01+

Subclass 666: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

169

Insert:

159.68

Subclass 708: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 168

Insert:

subclasses 159.41 through 159.48

Subclass 722: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 163

Insert:

subclasses 159.6 through 159.65

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Subclass 776: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 159

Insert:

subclasses 159.01+

Subclass 796: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 159

Insert:

subclasses 159.01+

Subclass 816: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

159+

Insert:

159.01+

Subclass 885: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclasses 163+

Insert:

subclasses 159.6 through 159.65

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D. CHANGES TO THE DEFINITIONS

Subclass 900: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 177

Insert:

subclasses 159.73 through 159.81

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D. CHANGES TO THE DEFINITIONS

CLASS 424 – DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS

Definitions Modified:

Subclass 78.04: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

160+

Insert:

159.02 through 159.38

Subclass 429: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

163+

Insert:

159.02 through 159.38

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D. CHANGES TO THE DEFINITIONS

CLASS 427 – COATING PROCESSES

Definitions Modified:

Subclass 2.1: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

160+ for removable contact lens having specific optical characteristics for its use.

Insert:

159.02 through 159.38 for eye contact lenses (i.e., removable) having specific optical characteristics for its use.

Subclass 2.24: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

160+ for contact lens (i.e. removable) having specific optical characteristics for its use.

Insert:

159.02 through 159.38 for eye contact lenses (i.e., removable) having specific optical characteristics for its use.

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D. CHANGES TO THE DEFINITIONS

CLASS 430 – RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF

Definitions Modified:

Class Definition: In Section III, under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

163+

Insert:

159.6 through 159.65

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D. CHANGES TO THE DEFINITIONS

CLASS 451 – ABRADING

Definitions Modified:

Subclass 42: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 177

Insert:

subclasses 159.73 through 159.81

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D. CHANGES TO THE DEFINITIONS

CLASS 523 – SYNTHETIC RESINS OR NATURAL RUBBERS – PART OF THE CLASS 520 SERIES

Definitions Modified:

Subclass 106: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclasses 160+

Insert:

subclasses 159.02+

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D. CHANGES TO THE DEFINITIONS

CLASS 623 – PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR

Definitions Modified:

Class Definition: In Section III, References to Other Classes, under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 160

Insert:

subclasses 159.02 through 159.04

Delete:

subclass 161

Insert:

su bclasses 159.05 through 159.21

Delete:

subclasses 170 and 175

Insert:

subclass 159.17

Delete:

subclass 176

Insert:

subclasses 159.07 and 159.22

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D. CHANGES TO THE DEFINITIONS

Subclass 4.1: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 160

Insert:

subclasses 159.02 through 159.04

Delete:

subclass 161

Insert:

su

subclasses 159.05 through 159.21

Delete:

subclasses 170 and 175

Insert:

subclass 159.17

Delete:

subclass 176

Insert:

subclasses 159.07 and 159.22

Subclass 5.11: Under SEE OR SEARCH CLASS, in the reference to Class 351

Delete:

subclass 160

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D. CHANGES TO THE DEFINITIONS

Insert:

subclasses 159.02+