

U. S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

CLASSIFICATION ORDER 1843

April 5, 2005
Project No. E-6624

The following classification changes will be effected by this order:

	Class	Subclass	Art Unit	Ex'r Search Room No.
Abolished	362	31, 226	2875	JEF/00-C75
Established	362	600-634, 640-659	2875	JEF/00-C75

No other classes are impacted by this order.

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Project No. E-6624

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APRIL 2005

1	DAYLIGHT LIGHTING	* 624	...Film or coating
2	.Including selected wavelength modifier (e.g., filter)	* 625	...Type of surface
3	PHOTOGRAPHIC LIGHTING	* 626	...Prism
4	.Light responsive	* 627	..Film or coating
5	.Measuring or indicating	* 628	..Shape
6	.Heat responsive or control	* 629	..Material
7	.Convertible	* 630	..Electrical wiring elements
8	.Combined	* 631	..Circuit board
9	..With battery support means	* 632	..Housing
10	.Safety or interlocks	* 633	..Frame
11	.Plural light sources or light source supports	* 634	..Holder
12	..Diverse type or size	551	LIGHT FIBER, ROD, OR PIPE
13	..Lamp substitution or selection	552	.With intensity control
14	...Indexing (i.e., dynamic)	553	.Laser
15	...With electrical ignition	554	.With optical fiber bundle
16	.Including specific light modifier	556	..Including specific fiber structure
17	..Plural diverse	555	.Light Emitting Diode (LED)
18	..Selective or adjustable	583	.With filter device
19	WITH POLARIZER	557	.Nonelectric power source
20	AUTOMATIC SUBSTITUTION OF POWER SUPPLY OR LIGHT SOURCE	558	.Diffuser or diffusing of incident light (e.g., optical coupler)
21	WITH FILAMENT CONTROL MEANS RESPONSIVE TO FRACTURE OF LIGHT SOURCE ENVELOPE OR ENCLOSURE	559	.Illuminating or display apparatus (e.g., sign, runway light, channel marker)
22	.Fluid or pressure responsive	560	..With reflective surface (e.g., mirror)
23	ILLUMINATED SCALE OR DIAL	561	..Including liquid crystal display (i.e., LCD)
24	.Telephone dial	562	.With gas or liquid container
25	.Radiator water temperature meter	563	.Horticultural
26	.Edge illuminated modifier or light rod/pipe	564	..Tree
27	..Plural light sources	570	.With wearing apparel or body support
28	.Illuminated through meter case	571	..Jewelry
29	.Internal light source	565	.Ornamental or decorative
30	..Indirect illumination	566	..With star or cross
* 600	EDGE LIGHTED PANEL	567	..Tree- or plant-like (e.g., tree simulation)
* 601	.Having additional panel emitting multiple wavelength light	568	...Christmas tree
* 602	.Particular application	569	..Filament lamp simulating candle
* 603	..Front light	572	.Medical (e.g., surgical or dental)
* 604	..Exhibit	573	..Dental lighting fixture
* 605	..Ornamental or decorative	574	..Endoscopy
* 606	.Light modifier with emission face combined with light guide plate	575	..Microscopic diagnosis
* 607	..Combination of two or more modifiers	576	.With static structure (e.g., building interior, framework of tent, wall, ceiling)
* 608	.Light modifier for edge lit light source (incident edge)	577	.With portable hand-held implement (e.g., cane, baton, umbrella, club)
* 609	..Reflector	578	..Workpiece illuminating screwdriver
* 610	..Optical waveguide	579	..Writing utensil (e.g., pen, pencil)
* 611	.Light source	580	.With ventilating or cooling or thermally controlled light guide
* 612	..Light Emitting Diode (LED)	581	.With mounting or holding means (e.g., clamp, disengagable mechanical connector, optical fiber holder)
* 613	..Plural	582	.Specific material (e.g., type of light conducting material, material of pipe or rod)
* 614	..Fluorescent		WORK-TABLE LIGHTING SYSTEM
* 615	.Light guide		CHEMILUMINESCENT LIGHTING
* 616	..Plural or compound		REVOLVING
* 617	..Emission face	33	VEHICLES STEERING SWITCHES LIGHT SOURCES
* 618	...Film or coating	34	
* 619	...Type of surface	35	
* 620	...Prism	36	
* 621	..Incident face		
* 622	...Film or coating		
* 623	..Reflective face		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

37	VEHICLE STEERING MECHANISM OR ELEMENT MOVES PIVOTED LAMP OR LAMP SUPPORT	473	.Bicycle or motorcycle
38	.Through fluid pressure control	474	..Handlebar
39	.Pivoted lamps having plural unlike motions controlled additionally by manual movement	475	..Headlight
		476	...Headlight support
		477	.Marine
40	.Manual or steering mechanism control of pivoted lamp	478	.Bus or railway rolling stock
		479	..Roof or ceiling
41	.Plural lamps, one only moves in turn direction	480	...Ventilation casing or fixture
		481	..Threshold illumination
42	.Tire, wheel or brake backing plate movement turns lamp	482	..Dashboard
		483	..Seat
43	.Plural lamps concurrently moved	484	..Baggage rack
44	..Single connection to steering mechanism or element	485	.Truck, trailer, or wagon
		486	.Portable
45	...First lamp motion moves second lamp	487	.Automobile
46	....Steering post arm or rod motion controls first lamp	488	..Interior
		489	...Dashboard
47	.....Through link and lever transmission means	490	...Ceiling
		491	...Gearshift
48	....Tie rod motion controls first lamp motion	492	...Sun visor or vanity mirror
		493	..Roof
49	...Steering post, arm rod motion controls lamps	494	..Rear view mirror
		495	..Running board
50	....Through link and lever transmission means	496	..Hood, grill, or trunk
		497	..License plate
51	..Tie rod motion control	498	...Turn signal indicator
52	..Tie rod motion control	499	...Including brake or emergency
53	.Steering post, arm or rod controlled	500	..Wheel spindle, axle, or hub cap
54	..Through link and lever motion transmission	501	..Door or door handle
		502	..Radiator
55	.Stub shaft, stub shaft arm or attachment element controlled	503	..Windshield or window
56	..Through telescopic motion transmission means	504	..Including adjustable lamp support
		505	..Bumper or bumper guard
57	.Tie rod element controlled	506	..Fender
58	..With manual disconnect	507	...Headlight
59	..Through link and lever motion transmission means	508	.Adjustable source (e.g., bulb filament)
		509	.Light modifier
60	..With pin and slot motion transmission means	510	..Including selected wavelength modifier
459	SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)	511	..Optical waveguide (e.g., fiber optic, edge-lit)
460	.Including headlamp beam measuring or indicating (e.g., headlamp beam leveling, aiming, inclination detecting)	512	..Adjustable or positionable
		513	...Electric or fluid-pressure actuated
		514	...Reflector
461	..Plumb or level having liquid-type bubble	515	...Having ball and socket mechanism
		516	..Reflector structure
462	...Including indicia mark (e.g., calibrated rod)	517	...Plural separate reflectors with complex surfaces
463	..Including indicia mark (e.g., calibrated rod)	518	...Plural separate sections with complex surfaces
		519	...With bulb mounting means
464	.Condition responsive (e.g., position)	520	..Refractor structure
465	..Automatically adjusted headlamp beam	521	...Plural separate refractors
466	...Computer controlled	522	...Plural separate sections with complex surfaces
469	...Weight biased or mechanically actuated	523	.Adjustable lamp or lamp support
467	...Electromagnetically, electrodynamically, or electronically actuated	524	..Gear driven
		525	..Plural headlight supports concurrently operated
468	...Hydraulically or pneumatically actuated		
470	.Aircraft		
471	..Interior (e.g., instrument, cockpit)		
472	..Having retractable lamp		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

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	SUPPORTED BY VEHICLE STRUCTURE (E.G., ESPECIALLY ADAPTED FOR VEHICLE)	116	.Key holder
	.Adjustable lamp or lamp support	117	.Iron
526	..Electromagnetic or fluid-pressure actuated	118	.Pen or pencil
527	...Retractable headlight	119	.Hand tool (e.g., knife, drill)
528	..Having ball and socket mechanism	120	..Elongate type
529	..Manually operable (e.g., remote manual actuation)	121	WITH STAR OR CROSS
530	...Plural or diverse motion	122	WITH PLANT-LIKE ORNAMENT OR WREATH
531	...Horizontal motion	123	.Tree
532	...Vertical motion	124	WITH SIMULATED ANIMAL
534	..Railway truck actuated	125	WITH SHOWCASE OR SHOW WINDOW
535	...Cable, chain, or spring actuated	126	.Heat insulation or dissipation type
536	...Gear actuated	127	WITH FURNITURE
537	...Lever or link actuated	128	.With viewing mirror
538	.Projection-type headlamp	129	..Adjustable
539	..Including mask or screen	130	.Bed
540	.Visual identification light	131	.Chair, stool or sofa
541	..Brake	132	.Plural diverse type article holders (e.g., drawer and hook)
542	..Emergency	133	.Cabinet
543	.Plural light sources	134	.Base
544	..With common housing	135	WITH VIEWING MIRROR
545	...Including light emitting diode	136	.With vanity case
546	.Housing	137	..With closure light source control
547	..With cooling or ventilating feature	138	.Inspection type
548	..Including specific light bulb mounting	139	..Adjustable
549	.Specific lamp mounting or retaining	140	.With plural light sources or diverse light modifiers
84	LIGHT SOURCE OR LIGHT SOURCE SUPPORT AND LUMINESCENT MATERIAL	141	..Adjustable
85	WITH CONTROL CONSOLE	142	.Adjustable
86	SOUND EQUIPMENT ILLUMINATOR	143	..Janus-faced mirror-and-light projector
87	.Phonograph	144	..Repositionable as a unit
88	.Telephone	145	WITH STATIC STRUCTURE
89	MACHINERY LIGHTING	146	.Staircase
90	.Sewing	147	.Wall or ceiling
91	.Cleaning	148	..Subceiling
92	WITH HEATER OR REFRIGERATOR	149	...With fluid handling means
93	.Nonelectric illuminator	150	...Common subceiling and light unit support
94	.With door-controlled switch	151	.Valence or cornice
95	WITH SWITCH PLATE OR SOCKET	152	.With border, fence, gate or awning
96	WITH FLUID DISTRIBUTER	153	.Floor
97	LIGHT TABLE-TYPE ILLUMINATOR	153.1	.Pavement
98	WITH PAPER, BOOK OR COPY HOLDER	154	WITH CONTAINER
99	.Notepad	155	.With closure controlled switch
100	DOOR KNOB OR KEYHOLE ILLUMINATOR	156	.Bag, purse or trunk
101	WITH LIQUID CONTAINER	157	SELF POWERED LAMP
102	WITH CANE, BATON, UMBRELLA OR CLUB	158	.With hermetic seal
103	WITH WEARING APPAREL OR BODY SUPPORT	159	.Nonelectric
104	.Jewelry	160	..Acetylene
105	.Head covering or clamp	161	..Candle type
106	..Hat	162	...Collapsible housing
107	...Nonelectric light unit	163	...With chimney
108	.Shoulder suspension or torso encircling (e.g., vest, neck-sling)	164	..Miner's safety type
109	WITH IMPLEMENT OR HAND HELD HOLDER THEREFOR	165	...With lock
110	.Firearm	166	..Selective wavelength transmitting or light blocking means
111	..Convertible to light gun	167	...With separate movable selective elements
112	..Imitation firearm	168	....Plural
113	..Light controlled by trigger	169	...Plural lenses
114	..Switch on handle	170Rotatable type
115	.Barber		

Title Change
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	SELF POWERED LAMP	217	ELONGATED SOURCE LIGHT UNIT OR SUPPORT
	.Nonelectric	218	.With ventilating or cooling means
171	..Tubular type	219	.With means to position plural light sources colinearly
172	...Base structure		.Repositionable
173	...Dome structure	220	.With means to accommodate additional circuit element
174	...Relatively movable modifier	221	..With or including transparent or translucent member
175	....Compound motion		.With or including transparent or translucent member
176	....Rectilinear motion	222	..Plural members
177	....Pivoted motion		.Plural sources or supports therefor
178	...Tube structure	223	QUICK DISCONNECT-TYPE LIGHT UNIT
179	..Mantle type	224	.Night light
180	..Chimney type	225	..Sensor
181	..Base structure	* 640	..Air freshener
182	..Dome structure	* 641	..Ornamental or decorative
183	.Rechargeable electrical source of with external connections	* 642	.With sealing
184	.Having plural lamp bulbs or lamp sockets	* 643	.Circuit board
185	..With a protective cage	* 644	.Particular engagement
186	.Dome, globe or wire guard or lamp bulb cover	* 645	..Track lighting
187	.With movable focusing element	* 646	..Turn to engage
188	..Movable lamp bulb or lamp bulb support	* 647	...Threaded (e.g., Edison type)
189	.Disposable lamp or flexible material casing	* 648	...Bayonet type
190	.With support	* 649	..Push to engage
191	..With or comprising mounting means	* 650	...Ornamental or decorative
192	.Generator power source	* 651	....Christmas light
193	..Friction driven generator	* 652	...Locking
194	.Battery supported separable lamp assembly	* 653	....Snap means
195	..Battery terminal sole support of lamp	* 654	...Male contact
196	.Mating-halves type flashlight casing	* 655	....Exposed contacts
197	.Lamp bulb or lamp support axis adjustable or angularly fixed relative to axis of flashlight casing	* 656	....Parallel contacts
198	..Flexibly or extensibly mounted lamp bulb or lamp support	* 657	PLURAL LIGHT SOURCES
199	..Separate lamp housing or lamp support pivoted to flashlight casing	* 658	.Diverse light generators
200	.Flat flashlight casing	* 659	..Gas and electric
201	..Lamp terminal directly contacts a battery terminal	227	.Particular wavelength
202	.Cylindrical flashlight casing	228	..Different wavelengths
203	..Bulb or battery physically moved to join mating contacts of each other	229	.Source and modifier mounted for relative movement
204	..Insulated casing with switch between fixed conductors	230	.Remote adjustment or positioning means
205	..With switch	231	.Combined
206	...At end opposite bulb	232	.With modifier
207	.Spare bulb carrier	233	..Distinct light units
208	.Flashlight elements	234	...Substantially identical modifiers
209	PLURAL NONELECTRIC LIGHT SOURCES	235	....Positioning means for plural units
210	PLURAL CARBON ARC-TYPE LIGHT SOURCES	236	....Relative adjustment means
211	MULTIPLE FILAMENT LIGHT UNIT	237	....Units have common housing
212	.With electrical switching means	238	....Reflector type modifiers
213	.Relatively movable light source or modifier	239	...Diverse modifiers
214	.With mask or screen for at least one filament	240	....Including reflector
215	.With corrugated, faceted or fluted reflector and/or lens	241	...Refractor type modifier
216	CURVILINEAR LIGHT SOURCE	242	...With reflector
		243	....Diffusing type
		244	...Reflector type modifier
		245	...Shielding type modifier
		246	.With support
		247	..Adjustable
		248	..With switch
		249	..Particular arrangement (e.g., ornamental star)
		250	
		251	
		252	

Title Change
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253	COMBINED	302With or including coaxial reflecting surfaces
254	LIGHT SOURCE SUBSTITUTION		
255	MODIFIER MOUNTABLE ON LIGHT SOURCE ENVELOPE	303	....With or including means blocking axial rays
256	.With additional modifier	304	...Coaxial
257	LIGHT SOURCE (OR SUPPORT THEREFOR) AND MODIFIER	305	....With or including means modifying axial rays
258	.With extensible electric cord storage member	306	..With resilient means to position source or modifier
259	.Laser type	307	..With or including translucent or transparent modifier
260	.Fluorescent type		
261	.Carbon arc type	308	...Refractor
262	..With electrode feed means	309	....With complex surface
263	.Ionized gas or vapor light source	310	..Enclosed light source
264	..Including cooling means	311	..Including translucent or transparent modifier
265	..Including circuit arrangement		
266	.Nonelectric type	312	LIGHT PERVIOUS CHIMNEYS OR ACCESSORIES THEREFOR
267	.With sealing means or artificial atmosphere	313	.Attachments
268	.Plural serial lens elements or components	314	.Chimney support or holder
		315	.Composite
269	.Tiltable or rotatable as a unit	316	.Modified base
270	..With linear repositioning means	317	LIGHT MODIFIER
271	..With actuator	318	.Fluid medium type
272	...Electric or pneumatic	319	.Adjustable or positionable
273	...Screw actuator	320	..Flexible
274	...Resiliently biased	321	..Shutter type
275	..Plural axes	322	..Angularly
276	.Condition responsive	323	...In plane or modifier surface
277	.Adjustable or repositionable modifier	324	...With actuator
278	..Flexible modifier	325	...Louvered or grid type
279	..Louvered or grid type modifier movable as a unit	326	.Refractor
		327	..With reflector
280	..In plane, or extension of modifying surface	328	...Reflector separate from refractor
		329	...Enclosure type
281	...Plural, relatively movable	330	..Panel type
282	..Angularly adjustable or repositionable	331	..Plural serial refractors
		332	..Separate sections
283	...Plural, relatively movable	333	..With plural elements on both sides of main surface
284	..With actuator		
285	.Adjustable or repositionable light source or light source support	334	...Curved main surface
		335	..Curved lens type
286	..Electromagnetic actuator	336	...Including diverse refracting elements on one surface
287	..Angularly adjustable or repositionable		
288	..Resiliently biased	337	....Prismatic type
289	..Screw actuated	338	...Plural elements on a curved surface
290	.Louvered or grid type modifier	339	..Prismatic type
291	..Including curved modifying surface	340	...Curved main surface
292	..Including nonparallel modifying surfaces	341	.Reflector
		342	..Louvered or grid type
293	..Including selected wavelength modifier (e.g., filter)	343	..With diverse modifier
		344	..With guard means
294	.With ventilating, cooling or heat insulating means	345	..With ventilating or cooling
		346	..Plural separate reflectors or separate sections
295	.With rheostat or switch		
296	..Including reflector	347	..Curved surface
297	..With or including plural, distinct reflecting surfaces	348	...Patterned surface
		349	...Including straight surface
298	...Opposed	350	...Bowl shaped main surface
299	....With or including refractor	351	.Translucent or opaque (e.g., "shade")
300	....With or including translucent or transparent modifier		
301	....With or including planar reflecting surface		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

	LIGHT MODIFIER	404	.Ceiling-suspended support
	.Translucent or opaque (e.g., "shade")	405	..Body member with plural radial arms (e.g., chandelier)
352	..Collapsible or folding		
353	..Including socket engaging means	406	...With mounting means
354	..Louvered or grid type	407	..Cord-supported light source with light source directing means
355	..Diffusing type		
356	...Hollow body open at both sides	408	..With light modifier holder
357	...Including cloth covering	409	..Nonelectric
358	..Wire frame type	410	.Standard-type support (e.g., table or floor lamp)
359	..External hood or visor		
360	..Plural sections	411	..With electrical regulating means
361	..Curved surface	412	..Vase-type standard
362	HOUSING	413	..Adjustable standard
363	.Transparent globe type	414	..With light source support mounted at top end of standard
364	.Recessed		
365	..With mounting means	415	..Nonelectric
366	...With adjustment for panel dimensions or slope	416	.Arc lamp hanger
		417	.Harp type support
367	.Frame with multiple light-transmitting panels	418	.Adjustable light support
368	.With mounting means	419	..Having plural diverse motions
369	..Shock absorbing	420	...Plural headlight supports concurrently operated
370	..Arm or bracket	421	...With ball and socket light support
371	...Adjustable movement between arm and housing	422	..With coaxial motion transmission members
372	.With adjustable light source	423	...With plural pairs of gears transmitting motion through internal member
373	.With cooling means		
374	.With closure fastener	424	...Internal coaxial member having straight line motion
375	.With closure		
376	GUARD MEANS	425	...Single reciprocating and turning member transmits plural different motions to the adjustable support
377	.Bulb engaging		
378	.Socket engaging		
379	SMOKE BELLS	426	...Fork support
380	SPARK ARRESTERS	427	..Pivoted lamp or lamp support
381	GAS TAPS	428	..With operating means to move lamp or lamp support
382	SUPPORTS		
383	.Object sound or sighting controls movable light support	429	..Adjustable socket holder
384	.Moving mass control movable light support	430	..With mounting means
385	.Fluid pressure controls movable light support	431	.Pole or post type support
386	.Electromagnetic operator controls movable light support	432	.Wall type arm or bracket support
387	.With flexible power-cord storage member	433	.Modifier support
388	.Convertible support	434	..Double-ring frame
389	.Antislipping	435	...Socket extension
390	.Shock absorbing	436	...Clamping jaws
391	.Line-wire or cable-attaching support	437	..Socket covers
392	.Imitation candle support	438	..Clamping jaws
393	..Adjustable	439	...With mounting means
394	.Special switch operator	440	..Spring ring
395	..With standard (e.g., table and floor lamps)	441	..Base
396	.Clamp or hook	442	...Spider
397	.Suction cup	443	..Removable socket collar
398	.Magnetic	444	..Spring frame or bulb
399	.Handle or bail	445	..Spring frame on body of chimney
400	..With means for receiving guard	446	..Side
401	.Counterbalanced support	447	..On candle
402	..Spring counterbalance	448	..With socket or shell
403	.Support having gravity-type light source or light modifier raising and lowering means	449	..Adjustable
		450	..Collapsible
		451	..Drop

Title Change
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@ Indent Change
& Position Change

CLASS 362 ILLUMINATION

APRIL 2005

SUPPORTS

.Modifier support
 452 ..Interior arms and ring crown engaged
 453 ..Inverted-bowl suspension devices
 454 ...Combined with support
 455 ..Lens holder or support
 456 ...Perforated plate
 457 MISCELLANEOUS ATTACHMENTS AND FITTINGS
 458 MISCELLANEOUS

 CROSS-REFERENCE ART COLLECTIONS

 800 LIGHT EMITTING DIODE
 801 BEDROOM LIGHTING (E.G., MODULAR
 COMBINATIONS)
 802 POSITION OR CONDITION RESPONSIVE SWITCH
 803 PHOTO SAFE LAMP
 804 SURGICAL OR DENTAL SPOTLIGHT
 805 HORTICULTURAL
 806 ORNAMENTAL OR DECORATIVE
 807 .Star
 808 .Figure
 809 ..Terrestrial globe
 810 .Imitation candle
 811 .Psychedelic lighting
 812 SIGNS

 FOREIGN ART COLLECTION

 FOR 000 CLASS-RELATED FOREIGN DOCUMENTS
 * FOR 100 EDGE LIGHTED PANEL (362/31)
 * FOR 101 QUICK DISCONNECT TYPE LIGHT UNIT
 (362/226)

SOURCE CLASSIFICATION(S) OF PATENTS
 IN NEWLY ESTABLISHED SUBCLASSES REPORT
 PROJECT: E6624

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New Classification	Number Of ORs	Source Classification	Number Of ORs
15/300.1	1	362/31	555
315/227 R	1	362/31	555
362/156	1	362/31	555
362/157	1	362/31	555
362/23	1	362/31	555
362/255	1	362/31	555
362/257	1	362/31	555
362/26	3	362/31	555
362/317	1	362/31	555
362/362	1	362/31	555
362/404	1	362/31	555
362/410	2	362/31	555
362/511	6	362/31	555
362/548	15	362/226	342
362/549	24	362/226	342
362/556	1	362/31	555
362/583	1	362/31	555
362/600	38	362/31	555
362/601	13	362/31	555
362/602	13	362/31	555
362/603	16	362/31	555
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362/619	25	362/31	555
362/620	23	362/31	555
362/621	14	362/31	555
362/622	3	362/31	555
362/623	15	362/31	555
362/624	4	362/31	555
362/625	19	362/31	555
362/626	10	362/31	555

SOURCE CLASSIFICATION(S) OF PATENTS
 IN NEWLY ESTABLISHED SUBCLASSES REPORT
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362/627	13	362/31	555
362/628	15	362/31	555
362/629	11	362/31	555
362/630	6	362/31	555
362/631	7	362/31	555
362/632	27	362/31	555
362/633	8	362/31	555
362/634	11	362/31	555
362/640	28	362/226	342
362/641	16	362/226	342
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362/656	9	362/226	342
362/657	14	362/226	342
362/658	8	362/226	342
362/659	17	362/226	342
362/96	1	362/31	555
417/1	1	362/226	342

DISPOSITION CLASSIFICATION(S) OF PATENTS
 FROM ABOLISHED SUBCLASSES REPORT
 PROJECT: E6624

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Source Classification	Number Of ORs	New Classification	Number Of ORs
362/226	342	362/548	15
		362/549	24
		362/640	28
		362/641	16
		362/645	26
		362/647	23
		362/649	7
		362/651	7
		362/653	25
		417/1	1
		362/659	17
		362/658	8
		362/657	14
		362/656	9
		362/655	24
		362/654	16
		362/652	22
		362/650	20
		362/648	10
		362/646	12
		362/644	8
		362/643	4
		362/642	6
		362/31	555	15/300.1	1
315/227 R	1		
362/23	1		
362/26	3		
362/96	1		
362/156	1		
362/157	1		
362/255	1		
362/257	1		
362/317	1		
362/362	1		
362/404	1		
362/410	2		
362/511	6		
362/556	1		
362/583	1		
362/600	38		
362/601	13		
362/602	13		
362/603	16		
362/604	18		
362/605	11		
362/606	8		

DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT
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Source Classification	Number Of ORs	New Classification	Number Of ORs
362/31	555	362/607	10
		362/608	13
		362/609	26
		362/610	21
		362/611	11
		362/612	20
		362/613	32
		362/614	16
		362/615	16
		362/616	11
		362/617	14
		362/618	13
		362/619	25
		362/620	23
		362/621	14
		362/622	3
		362/623	15
		362/624	4
		362/625	19
		362/626	10
		362/627	13
		362/628	15
		362/629	11
		362/630	6
		362/631	7
		362/632	27
		362/633	8
		362/634	11

C. Changes to the U. S. - I. P. C. Concordance

U. S.		I. P. C.	
<u>Class</u>	<u>Subclass</u>	<u>Subclass</u>	<u>Notation</u>
362	600-634	F21V	7/04
362	640-659	H01R	33/00

D. CHANGES TO THE DEFINITIONS (Project No. E-6624)

CLASS 362 - ILLUMINATION

Definitions Abolished:

Subclasses:

31, 226

Definitions Modified (Place modifications in numerical sequence, where applicable.):

Subclass 486: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 226.

Insert:

652, for a quick disconnect-type light unit.

Subclass 511: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 31.

Insert:

615, for an edge-lighted panel.

Subclass 519: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 226.

Insert:

652, for a quick disconnect-type light unit.

Subclass 548: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 226.

Insert:

652, for a quick-disconnect type light unit.

Subclass 556: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 31.

Insert:

615, for an edge-lighted panel.

Subclass 560: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 26.

Insert:

26, for an edge-illuminated modifier or light rod or pipe, subclass 30 for an internal light source with a indirect illumination, and subclass 615 for an edge-lighted panel.

Definitions Established: (Place established subclasses in numerical sequence.)

600 EDGE LIGHTED PANEL:

Subject matter indented under class definition comprising a light source or support therefor combined with a light transmissive material in the form of a solid having two opposite surfaces with overall dimensions very much greater than the distance between them and having at least one narrow surface (i.e., "edge") joining the two opposite surfaces and exposed to light from the source such that light from the source enters the material through the narrow surface and is transmitted within the material by internal reflections from the opposite surfaces or by nodal transmission.

SEE OR SEARCH CLASS:

349, Liquid Crystal Cells, Elements and Systems, subclass 65 for edge lighted panel with LCD.

601 Having additional panel emitting multiple wavelength light:

Subject matter subclass 600 comprising a panel or panels emitting light of different wavelengths including a light source or support therefor combined with a light transmissive material in the form of a solid having two opposite surfaces with overall dimensions very much greater than the distance between them and having at least one narrow surface (i.e., "edge") joining the two opposite surfaces and exposed to light from the source such that light from the source enters the material through the narrow surface and is transmitted within the material by internal reflections from the opposite surfaces or by nodal transmission.

602 Particular application:

Subject matter indented under subclass 600 wherein the edge lighted panel has a precise purpose.

603 Front light:

Subject matter indented under subclass 602 wherein the particular application is to provide uniform illumination from the viewing side of the edge lighted panel.

(1) Note. The light output face is opposite the viewing face.

SEE OR SEARCH CLASS:

349, Liquid Crystal Cells, Elements and Systems, subclass 63 specifically for guiding light in a front-lit device in a liquid crystal system.

604 Exhibit:

Subject matter indented under subclass 602 wherein the particular application is illuminating a document, picture, map, graph or a similar item to be viewed.

605 Ornamental or decorative:

Subject matter indented under subclass 602 wherein the edge lighted panel is adapted to provide beauty or elegance.

SEE OR SEARCH THIS CLASS, SUBCLASS:

565, for an ornamental or decorative design in a fiber, rod, or pipe.

806, for an ornamental or decorative design in a cross-reference art collection.

- 606 Light modifier with emission face combined with light guide plate:**
Subject matter indented under subclass 600 wherein one of the opposite surfaces of the light transmissive material is the main surface through which light is emitted and includes at least one means for optically changing the light emitted through the main surface.
- 607 Combination of two or more modifiers:**
Subject matter indented under subclass 606 wherein the light source has at least two means for optically changing the light emitted through the main surface.
- 608 Light modifier for edge lit light source (incident edge):**
Subject matter indented under subclass 600 wherein the light source has at least one means for optically changing the light entering the material through the narrow surface.
- 609 Reflector:**
Subject matter indented under subclass 608 wherein the light modifier means is a device, which redirects incident light back into a medium.

SEE OR SEARCH THIS CLASS, SUBCLASS:

623, for the reflective face in a light guide of the edge lighted panel.

- 610 Optical waveguide:**
Subject matter indented under subclass 608 wherein the light modifier is a transparent, relatively elongated surface that transmits light rays from one point to another within the confines of its outer surface or surfaces by internal reflections.

SEE OR SEARCH THIS CLASS, SUBCLASS:

26, for an optical waveguide in an edge illuminated modifier or light rod or pipe.

51, for an optical waveguide (e.g., fiber optic, edge-lit) in a light modifier supported by vehicle.

- 611 Light source:**
Subject matter indented under subclass 600 wherein an element (e.g., filament) or material (e.g., neon), which converts energy into visible radiant energy and/or the essential container of such an element or material, i.e., a light source envelope including the envelope base (e.g., light bulb, fluorescent tube).

(1) Note. Unless otherwise specified a light source is assumed to be a point source.

(2) Note. For purposes of classification within this class, nominal recitations such as "light unit", "lamp", "headlight", etc., are assumed to denote only a light source.

SEE OR SEARCH THIS CLASS, SUBCLASS:

216, for curvilinear light source, per se.

257, for light source (or support therefor) and modifier, per se.

- 612 Light Emitting Diode (LED):**
Subject matter indented under subclass 611 comprising a two-electrode semiconductor device emitting incoherent optical radiation when biased by a voltage in a forward direction.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 545, for light emitting diode in plural light sources supported by vehicle structure.
- 555, for light emitting diode (LED) in a light fiber, rod, or pipe.
- 800, for light emitting diode in a cross-reference art collection.

613 Plural:

Subject matter indented under subclass 611 wherein the illuminating structure includes more than one light source.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 27, for plural light sources in an illuminated scale or dial.
- 227, for plural light sources, per se.

614 Fluorescent:

Subject matter indented under subclass 611 wherein the source of light is a gaseous material having a phosphor envelope which emits visible light when irradiated by invisible radiation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 217, for elongated fluorescent type light source or support.
- 260, for fluorescent type light source and modifier.

615 Light guide:

Subject matter indented under subclass 600 comprising a light transmitting material having a relatively narrow surface or side disposed adjacent to a light source.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 26, for a light guide in an edge lighted modifier or light rod/pipe.
- 511, for a light guide in a light modifier supported by vehicle structure.

SEE OR SEARCH CLASS:

- 385, Optical Waveguides, subclass 146 for noncylindrical or nonplanar shaped waveguide.

616 Plural or compound:

Subject matter indented under subclass 615 wherein the total light guide structure is comprised of more than one light guide.

617 Emission face:

Subject matter indented under the subclass 615 wherein the top or bottom surface of the light guide sends out light.

618 Film or coating:

Subject matter indented under subclass 617 wherein an optically transmissive covering or layer has been applied to the emission face of the light guide.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 622, for film or coating on the incident face.
- 624, for film or coating on the reflective face.
- 627, for film or coating on the light guide, per se.

619 Type of surface:

Subject matter indented under subclass 617 wherein the exterior or upper boundary of the emission face has been modified for an optical purpose.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 625, for type of surface in a reflective face.

620 Prism:

Subject matter indented under subclass 619 wherein the exterior or upper boundary of the emission face has been modified for an optical purpose with the shape of pyramid or triangle.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 339, for prismatic type in a refractor in a light modifier.
- 626, for prism type of surface in a reflective face.

621 Incident face:

Subject matter indented under subclass 615 wherein the side surface or edge surface of the light guide receives light.

622 Film or coating:

Subject matter indented under subclass 621 wherein an optically transmissive covering or layer has been applied to the incident face of the light guide.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 618, for film or coating on the emission face.
- 624, for film or layer on the reflective face.
- 627, for film or coating on the light guide, per se.

623 Reflective face:

Subject matter indented under subclass 615 wherein the top or bottom surface of the light guide redirects the light back into the light guide.

SEE OR SEARCH CLASS:

- 359, Optical: Systems and Elements, 884 for selective absorption or transparent overcoating on a mirror.

624 Film or coating:

Subject matter indented under subclass 623 wherein an optically transmissive covering or layer has been applied to the reflective face of the light guide.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 618, for film or coating on the emission face.

- 622, for film or coating on the incident face.
- 627, for film or coating on the light guide, per se.

625 Type of surface:

Subject matter indented under subclass 623 wherein the exterior or upper boundary of the reflective face has been modified for an optical purpose.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 619, for type of surface in an emission face.

626 Prism:

Subject matter indented under subclass 625 wherein the exterior or upper boundary of the reflective face has been modified for an optical purpose with the shape of a pyramid or triangle.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 339, for prismatic type in a refractor in a light modifier.
- 620, for prism type of surface in an emission face.

627 Film or coating:

Subject matter indented under subclass 615 wherein an optically transmissive covering or layer has been applied to the light guide.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 618, for film or coating on the emission face.
- 622, for film or coating on the incident face.
- 624, for film or coating on the reflective face.

628 Shape:

Subject matter indented under subclass 615 wherein the light guide has a definite form for an optical purpose.

- (1) Note. The wedge shape is often used.

629 Material:

Subject matter indented under subclass 615 wherein the light guide has physical properties or specific substances added for optical purposes.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 582, for a specific material (e.g., type of light conducting material, material of pipe or rod) in a light fiber, rod, or pipe.

630 Electrical wiring elements:

Subject matter under subclass 600 including means for conducting electrical current in the panel.

631 Circuit board:

Subject matter under subclass 630 comprising an insulating panel wherein conductors are applied thereto by coating, laminating, or bonding in such a manner that the conductors

are permanently attached to the panel are included in the means for conducting electrical current in the edge lighted panel.

632 Housing:

Subject matter under subclass 600 comprising means for surrounding and supporting the illuminating means.

- (1) Note. This subclass includes the housing structure having an opening for the egress of light and for which no light modifying function is claimed.

SEE OR SEARCH THIS CLASS, SUBCLASS:

362, for a housing unit, per se, in an illumination system.

SEE OR SEARCH CLASS:

349, Liquid Crystal Cells, Elements and Systems, subclass 58 for holder, support, frame, or housing in the particular structure of a liquid crystal system.

633 Frame:

Subject matter under subclass 632 wherein the illumination device is supported by skeletal-type beams forming an open frame or support.

634 Holder:

Subject matter under subclass 632 wherein the illumination device is gripped in place.

SEE OR SEARCH THIS CLASS, SUBCLASS:

581, for mounting or holding means in a light fiber, rod, or pipe.

640 QUICK DISCONNECT-TYPE LIGHT UNIT:

Subject matter indented under the class definition comprising an electric light source or an electric light source support and a housing or modifier for the light source mutually supported by electrical connector means, which are quickly attachable to and removable from an electric circuit.

SEE OR SEARCH CLASS:

313, Electric Lamp and Discharge Devices, subclass 1 for the line between this class and Class 313.

641 Night light:

Subject matter indented under subclass 640 comprising a light source with a housing and/or modifier, the housing and/or modifier may leave the light source exposed or substantially enclose the light source, a male plug connector electrically connected to the light source and fitted to engage a wall outlet plug to provide low-level illumination of a room at night.

642 Sensor:

Subject matter indented under subclass 641 including a device that responds to a physical stimulus and transmits a control signal to the light source.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 276 for a condition responsive mean that includes a sensor in a light source (or support therefor) and modifier.
- 802 for a condition responsive mean that includes a sensor in a cross-reference art collection.

SEE OR SEARCH CLASS:

- 250, Radiant Energy, subclass 216 for a photocell type sensor that includes means (i.e., ambient light, optical or pre-photocell system) for illuminating the photocell and subclass 227.11 for subject matter with an optical or pre-photocell system including a light conductor (e.g., optical fiber or rod).

643 Air freshener:

Subject matter indented under subclass 641 including air filtering or deodorizing means in the night-light.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 96, for fluid distributor, per se, in an illumination device or system.

SEE OR SEARCH CLASS:

- 422, Chemical Apparatus and Process Disinfecting, Deodorizing, Preserving, or Sterilizing, subclass 120 for deodorizing of, or chemical purification of, life sustaining environmental gas, per se.

644 Ornamental or decorative:

Subject matter indented under subclass 641 wherein the night light is adapted to provide beauty or elegance.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 565, for an ornamental or decorative design in a fiber, rod, or pipe.
- 605, for ornamental or decorative in a particular application in an edge lighted panel.
- 654, for ornamental or decorative in push to engage in particular engagement.
- 806, for ornamental or decorative in a cross-reference art collection.

645 With sealing:

Subject matter indented under subclass 640 having a means (e.g., gasket) filling the space between two adjacent elements to prevent matter on one side of the elements from passing between them to the other side.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 267, for sealing means or article atmosphere in a light source (or support therefor) and modifier.

646 Circuit board:

Subject matter is indented under subclass 640 comprising an insulating panel wherein conductors are applied thereto by coating, laminating, or bonding in such a manner that the conductors are permanently attached to the panel are included in the means for conducting electrical current in the quick disconnect-type light unit.

- 647 Particular engagement:**
Subject matter indented under subclass 640 whereby specific means are used to join or fasten together in the quick disconnect-type light unit.
- 648 Track lighting:**
Subject matter indented under subclass 647 comprising positionable light fixtures electrically connected to pairs of rail conductors.
- SEE OR SEARCH CLASS:
- 439, Electrical Connectors, subclass 110, for uninterrupted support rail or uninterrupted contact, per se, in an electrical connector.
- 649 Turn to engage:**
Subject matter indented under the subclass 647 the specific connecting or fastening comprises rotating or revolving around an axis or center.
- 650 Threaded (e.g., Edison type):**
Subject matter indented under subclass 649 including a helically ribbed portion adapted to interfit with a portion of a mating part by relative rotation and corresponding axial advance.
- SEE OR SEARCH CLASS:
- 439, Electrical Connectors, subclass 615 for having a screw thread coupling contact in a vitreous-type envelope (e.g., base of lamp).
- 651 Bayonet type:**
Subject matter indented under subclass 649 having a coupling part designed to be brought into interfitting relationship with a mating part by a first movement along its greatest axis extent and then by a movement about the central axis of the coupling part with respect to the mating part.
- SEE OR SEARCH CLASS:
- 439, Electrical Connectors, subclass 332 for bayonet coupling part movable about its axis in coupling movement actuating means or retaining means in addition to contact of coupling part.
- 652 Push to engage:**
Subject matter indented under subclass 647 whereby a coupling part is adapted to connect or join a mating part by pure rectilinear movement relative thereto.
- SEE OR SEARCH CLASS:
- 439, Electrical Connectors, subclass 344 for push-pull contacts (e.g., telephone jack or plug) in coupling movement actuating means or retaining means in addition to contact of coupling part.
- 653 Ornamental or decorative:**
Subject matter indented under subclass 652 whereby the push to engage light unit is adapted to provide beauty or elegance.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 565, for an ornamental or decorative design in a fiber, rod, or pipe.
- 605, for ornamental or decorative in a particular application in an edge lighted panel.
- 644, for ornamental or decorative in a night light.
- 806, for ornamental or decorative in a cross-reference art collection.

654 Christmas light:

Subject matter indented under subclass 653 wherein the ornamental or decorative light is a Christmas light.

SEE OR SEARCH THIS CLASS, SUBCLASS:

- 568, for a Christmas tree simulation using light fiber, rod, or pipe.

655 Locking:

Subject matter indented under subclass 652 comprising means to secure a coupling part in electrical current carrying relationship in the push to engage light unit or to secure another member which in turn holds the coupling part in electric current carrying relationship in the push to engage light unit.

656 Snap means:

Subject matter indented under subclass 655 comprising means securable by a quick-connect action.

657 Male contact:

Subject matter indented under subclass 652 including a plug adapted to enter a receptacle (i.e., socket) and make an electrical connection.

658 Exposed contacts:

Subject matter is indented under subclass 657 wherein the plugs are bare conductors (i.e., not insulated).

659 Parallel contacts:

Subject matter indented under subclass 658 wherein the plugs extend in the same direction and not meeting.

SEE OR SEARCH CLASS:

- 439, Electrical Connectors, subclass 617 for plug having spaced longitudinally engaging prong-like contacts in vitreous-type envelope (e.g., base of lamp).

FOREIGN ART COLLECTIONS

FOR 100 Edge Lighted Panel:

Foreign art collection comprising a light source or support therefor combined with a light transmissive material in the form of a solid having two opposite surfaces with overall dimensions very much greater than the distance between them and having at least one narrow surface (i.e., "edge") joining the two opposite surfaces and exposed to light from the source such that light from the source enters the material through the narrow surface and is transmitted within the material by internal reflections from the opposite surfaces or by nodal transmission.

FOR 101 Quick Disconnect Type Light Unit:

Foreign art collection comprising an electric light source or an electric light source support and a housing or modifier for the light source mutually supported by electrical connector means which are quickly attachable to and removable from an electric circuit.

