

CONCORDANCE - United States to International Patent Classification

U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation	U.S. Subclass	IPC Subclass	IPC Notation
U.S. CLASS 213--Con.														
175-219	B 61 G	1/00	323-325	B 65 D	41/00	3BC	B 65 D	25/14		B 65 D		67	B 23 K	31/02
211-219	B 61 G	3/00	323	B 65 D	45/30		B 65 D	25/16	123	B 65 D	25/38	68-69.13	B 23 H	1/00
	B 61 G	7/00	326	B 65 D	41/14		B 65 D	85/32		B 65 D		68	B 23 H	11/00
220-223	B 61 G	11/00		B 65 D	41/44	3C	B 65 D	25/02	124	B 65 D	45/28		B 23 H	5/00
224	B 61 G	7/04	327-328	B 65 D	41/00		B 65 D	25/16		B 65 D			B 23 H	7/00
U.S. CLASS 215 BOTTLES AND JARS														
2	B 65 D	1/06	329-331	B 65 D	41/04		B 65 D	85/34	125	B 65 D	25/28		B 23 H	9/00
	B 65 D	1/20		B 65 D	41/34	3CB	B 29 C	63/34		B 65 D	25/32		B 23 K	15/08
3-5	B 65 D	23/00	332	B 65 D	41/06		B 65 D	25/16	126	B 65 D	25/20		B 23 K	9/013
	B 65 D	47/34		B 65 D	41/36	3CV	B 65 D	25/02	127	B 65 D	81/00	69.1-69.11	B 23 K	9/00
	B 67 C	9/00	333-334	B 65 D	41/04		B 65 D	85/34		B 65 D	85/00	69.12	B 23 H	7/00
6	B 65 D	1/04		B 65 D	41/34	3FC	B 26 F	1/20	128	B 65 D	81/38	69.13	B 23 H	7/14
10	B 65 D	21/00	335	B 65 D	41/00		B 65 D	19/16	129	B 65 D	81/18	69.14	B 23 H	1/08
11.1	A 61 J	11/00	336-340	B 65 D	41/04		B 65 D	25/16		B 65 D	81/38		B 23 H	1/10
	A 61 J	9/00		B 65 D	41/34	3R	B 65 D	25/14	130	B 65 D	81/18	69.15	B 23 H	1/04
	A 61 J	9/02	341-352	B 65 D	53/00		B 65 D	25/16	131	B 65 D	6/10		B 23 H	1/06
11.2	A 61 J	9/00		B 65 D	41/00	4	B 65 D	88/00		B 65 D	81/18	69.16	B 23 H	7/00
11.3-11.4	A 61 J	9/00	353-354	B 65 D	39/00	5	B 65 D	21/02		B 65 D	81/38	69.17	B 23 H	5/00
11.5	A 61 J	11/02	355	B 65 D	39/08	6	B 65 D	1/00	U.S. CLASS 218 HIGH-VOLTAGE SWITCHES WITH ARC PREVENTING OR EXTINGUISHING DEVICES					
	A 61 J	9/04	356-357	B 65 D	39/10	7-10	B 65 D	25/04	1	H 01 H	33/00		B 23 K	9/00
11.6	A 61 J	9/08		B 65 D	39/12		B 65 D	25/10	2-7	H 01 H	33/14	69.18-69.19	B 23 H	1/02
12.1-12.2	B 65 D	23/00	358-362	B 65 D	39/12	11	B 65 D	85/00		H 01 H	9/40	69.2	B 23 H	7/30
12.1	A 47 J	41/02	363	B 65 D	3/14	12A	B 65 D	5/00	8-21	H 01 H	33/12		B 23 K	11/12
13.1	A 47 J	41/00		B 65 D	3/16	12R	B 65 D	19/02		H 01 H	33/66		B 23 K	9/24
14-16	B 65 D	47/02	364	B 65 D	39/00	13	B 65 D	6/00	1	H 01 H	9/30	70	B 23 K	9/30
	B 65 D	49/00	365-367	A 61 J	1/00	14-16	B 65 D	6/16	2-7	H 01 H	33/14	71	B 23 K	37/00
17-30	B 65 D	49/02		B 65 D	23/00		B 65 D	8/14		H 01 H	9/40	72	B 23 K	13/06
40	B 65 D	1/02	370-373	B 65 D	90/02	17	B 65 D	6/14	8-21	H 01 H	33/12		B 23 K	35/38
41	B 65 D	23/06	374-377	B 65 D	90/12	18-34	B 65 D	25/02		H 01 H	33/66		B 23 K	9/16
42	B 65 D	1/46	378-385	B 65 D	90/02		B 65 D	81/00	22-42	H 01 H	9/38	73-73.1	B 23 K	25/00
43-44	B 65 B	7/28	386	B 65 D	23/12	35	B 65 D	85/00		H 01 H	33/18	73	B 23 K	9/18
45	B 65 D	41/00	387-389	B 65 D	83/00	36	B 65 D	85/30	43-56	H 01 H	9/44	73.11	B 23 K	9/04
46	B 65 B	43/38	390-391	B 65 D	23/12		B 65 D	21/02	57-67	H 01 H	33/00	73.2	B 23 K	9/18
47-48	B 65 D	1/02	392	B 65 D	23/06	37-38	B 65 D	85/68	68-80	H 01 H	33/88	73.21	B 23 K	9/04
49	B 65 D	49/00	393	B 65 D	23/12	40	B 65 D	85/34	81-88	H 01 H	33/70	74-75	B 23 K	35/38
50-53	B 65 D	39/00	394	B 65 D	23/00	42	B 65 D	6/08		H 01 H	33/04	74	B 23 K	9/00
54	B 65 D	45/00	395	B 65 D	23/12	43A	B 65 D	81/24	89	H 01 H	9/30	75	B 23 K	9/16
55	B 65 D	45/22	396-398	B 65 D	23/10		B 65 D	19/06		H 01 H	33/06	76.1	B 23 K	9/24
200	B 65 B	7/28	399	B 65 D	23/12	43R	B 65 D	19/06	90	H 01 H	33/60	76.11	B 23 K	9/04
	B 65 D	35/44	400	B 65 D	23/00	44-48	B 65 D	6/16	91-116	H 01 H	9/32	76.12	B 23 K	9/04
	B 65 D	51/00	U.S. CLASS 216 ETCHING A SUBSTRATE: PROCESSES											
201-206	A 61 J	1/00	2-3	C 23 F	1/00	49	B 65 D	8/00	118-142	H 01 H	33/66	76.13	B 23 K	28/00
	A 61 J	1/03	4-5	H 05 B	33/10	51	B 65 D	6/08	143-145	H 01 H	33/16	76.14	B 23 K	9/04
201	B 65 D	55/02	6	H 01 G	13/00	52-55	B 65 D	81/02	146-147	H 01 H	9/42	76.15	B 23 K	25/00
207	B 65 D	55/14		H 01 G	4/00	56	B 65 D	85/30		H 01 H	33/02	76.16	B 23 K	9/18
208-225	B 65 D	55/02		H 01 G	5/00	57-58	B 65 D	43/16	148	H 01 H	33/20	77	B 23 K	9/04
208	B 65 D	50/02		H 01 G	7/00	59	B 65 D	43/00	149-151	H 01 H	33/00	78.01-78.15	B 23 K	11/00
209	B 65 D	50/08		H 01 G	9/00	60B	A 24 F	15/00		H 01 H	9/30	78.16	B 23 K	9/00
226-257	B 65 D	39/00	7	C 03 C	25/68		B 65 D	6/40	152-153	H 01 H	33/08	79-80	B 23 K	11/00
	B 65 D	41/00		C 03 C	1/08	60C-60D	A 45 C	13/34	154	H 01 H	3/00		B 23 K	9/12
	B 65 D	43/00	8-10	B 32 B	1/08		E 05 C	17/08	155-158	H 01 H	33/34	81-84	B 23 K	11/06
	B 65 D	47/00	8-12	B 44 C	1/22	60E	E 05 C	17/32		H 01 H	33/08	85.1	B 23 K	1/002
	B 65 D	51/00	11-12	C 25 F	3/00		E 05 F	1/10		H 01 H	33/28	85.12	B 23 K	1/015
258	B 65 D	49/12	13-21	H 01 B	13/00	60F	E 05 C	17/30		H 01 H	33/02	85.13-85.15	B 23 K	26/00
259	B 65 D	53/00	22	C 40 C	1/22		E 05 F	1/10		H 01 H	3/00	85.14-85.15	B 23 K	3/00
260	B 65 D	51/16	23	C 30 B	33/00	60G	E 05 F	1/10		H 01 H	33/34		B 23 K	1/015
261	B 65 D	53/00	24-26	B 29 D	11/00		E 05 F	1/10		H 01 H	33/08	85.16-85.17	B 23 K	3/00
262	B 65 D	55/00	27	G 01 D	15/00	60H	E 05 C	17/08		H 01 H	9/30	85.18	B 23 K	3/04
	B 65 D	55/00		G 11 B	5/127		E 05 F	1/10		H 01 H	9/30	85.17-85.19	B 23 K	1/00
263-265	B 65 D	39/00	28-38	B 44 C	1/22	60G	A 45 C	13/34	50-53	H 05 B	1/00	85.17	B 23 K	31/02
263-268	B 65 D	47/02	33-36	C 03 C	15/00		E 05 F	1/10	50	B 23 K	9/067	85.18	B 23 K	1/19
	B 65 D	49/00		C 03 C	25/68	60R	A 45 C	13/34		B 23 K	9/073	85.19	B 23 K	31/02
266	B 65 D	39/06		B 23 P	15/00		B 65 D	43/24		H 05 B	11/00	85.2	B 23 K	35/00
267-268	B 65 D	39/00	39	C 03 C	25/00		E 05 F	1/10		H 05 B	3/00	85.21	B 23 K	3/06
269	B 65 D	39/12		C 23 F	1/00	61	B 65 D	43/24		H 05 B	7/00		B 23 K	35/02
270-271	B 65 D	53/00		B 44 C	1/22	62-63	B 65 D	43/12		B 21 L	3/02		B 23 K	35/14
271	B 65 D	39/12	40-53	C 03 C	15/00	64	B 65 D	25/02	51	B 21 L	3/00	85.22	B 23 K	1/00
272	B 65 D	45/32	41-51	C 03 C	25/68	65	B 65 D	25/00	52	B 23 K	9/00	86.1-86.21	B 23 K	9/28
273-282	B 65 D	45/00		C 23 F	1/00		B 65 D		54	B 23 K	9/007	86.22	B 23 K	9/10
277-278	B 65 D	41/62		C 03 C	25/68	66-71	B 65 D	6/34		B 23 K	11/00	86.23	B 23 K	9/18
	B 65 D	51/18	54-55	C 03 C	15/00		B 65 D	63/00	55-56	B 23 K	11/00	86.24	B 23 K	9/28
283-285	B 65 D	45/24	56	B 31 D	3/00	72-74	B 65 D	25/00	56	B 23 K	15/00	86.25	B 23 K	9/32
286	B 65 D	45/04	57-58	B 44 C	1/22		B 65 D	8/00		B 23 K	9/00	86.26	B 23 K	37/02
287-290	B 65 D	45/16		C 03 C	25/68		B 65 D	8/16		B 23 K	11/16	86.31	B 23 K	9/28
291	B 65 D	45/32		C 03 C	1/00	75	B 65 D	25/02	56.1-56.22	B 23 K	1/00	86.32	B 23 K	9/28
292	B 65 D	39/02		C 23 F	1/00	76-77	B 65 D	43/00	57-58	B 23 K	15/00	86.33	B 23 K	11/10
293-294	B 65 D	45/16	59-61	G 01 L	21/30		B 65 D	39/12		B 23 K	9/00		B 23 K	11/30
294-301	B 65 D	39/00		G 01 R	31/00	78-80	B 65 D	43/00	57-59.1	B 23 K	11/02	86.41	B 23 K	9/12
295	B 65 B	43/38	62-109	B 44 C	1/22	81-85	B 65 D	25/02	57	B 23 K	11/02	86.51	B 23 K	37/02
	B 65 B	43/40		C 23 F	1/00	86	B 65 D	43/00		B 23 K	11/04	86.61	B 23 K	9/12
	B 65 D	41/00	62-73	C 03 C	15/00	87	B 65 D	43/00						

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U.S.			IPC			U.S.			IPC			U.S.			IPC		
Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation	Subclass	Subclass	Notation
U.S. CLASS 219--Con.																	
101-107	B 23 K	11 / 02	A 45 D		4 / 06	544	H 05 B	3 / 44	9.4	B 65 D	25 / 00				B 65 D		41 / 36
	B 23 K	9 / 02	A 45 D		4 / 12		H 05 B	3 / 50	17.1	B 65 D	25 / 20	303			B 65 D		51 / 16
108-111	B 23 K	11 / 24	223	A 45 D	26 / 00	545	H 05 B	3 / 34	17.2	B 65 D	25 / 32	304			B 65 D		53 / 00
	B 23 K	9 / 10	224	A 45 D	1 / 20		H 05 B	3 / 54	17.3	B 65 D	25 / 20	305			B 65 D		51 / 12
112	B 23 K	11 / 26		A 45 D	2 / 36	546	H 05 B	3 / 02	23.2-23.86	A 47 G	19 / 00	309.1-309.2			B 65 D		41 / 00
	B 23 K	9 / 06		A 45 D	4 / 14	547-548	H 05 B	3 / 10	23.2-23.91	B 65 D	21 / 02	310.1			B 65 D		41 / 00
113-116	B 23 K	11 / 24		A 45 D	4 / 16	549	H 05 B	3 / 34	62-62.1	B 65 D	25 / 00	314			B 65 D		45 / 28
	B 23 K	9 / 10	225-226	A 45 D	1 / 04		H 05 B	3 / 54	62.11-62.22	B 65 D	1 / 40	315-318			B 65 D		45 / 00
117.1	B 23 K	11 / 00	226	A 45 D	20 / 00	550-551	H 05 B	3 / 02		B 65 D	3 / 22	319-320			B 65 D		45 / 32
118	B 23 K	11 / 16		A 45 D	20 / 08	552-553	H 05 B	3 / 10		B 65 D	6 / 14	321			B 65 D		45 / 34
	B 23 K	9 / 00	227-244	H 05 B	1 / 00	600-601	H 05 B	6 / 02		B 65 D	8 / 04	322			B 65 D		45 / 04
119-120	B 23 K	11 / 30	227	H 05 B	11 / 00	602	H 05 B	6 / 10		B 65 D	90 / 02	323			B 65 D		45 / 28
	H 05 B	3 / 03	228	H 05 B	3 / 02	603-615	B 23 K	13 / 01	86.1-86.4	B 65 B	3 / 00	324-326			B 65 D		45 / 16
121.11-121.35	B 23 K	15 / 00	229-242	H 05 B	3 / 42	616	B 23 K	1 / 002		B 65 D	47 / 02	327-328			B 65 D		45 / 00
121.36-121.59	B 23 K	9 / 00	243-244	D 06 F	3 / 02	617	B 23 K	13 / 01		B 65 D	49 / 00	345.1-345.6			B 65 D		43 / 12
	B 23 K	9 / 02	245	H 05 B	75 / 08	618	H 05 B	6 / 00		B 67 C	3 / 00				B 65 D		43 / 20
121.6-121.61	B 23 K	26 / 00	246	D 06 F	75 / 40	619	H 05 B	6 / 14	87.1-87.2	B 65 D	25 / 00	348-351			B 65 D		43 / 20
121.62	B 23 K	26 / 04		H 05 B	1 / 02	620-627	H 05 B	6 / 12	88.1-88.3	B 65 D	90 / 22	359.1			B 65 D		41 / 00
121.63-121.66	B 23 K	26 / 00	247	D 06 F	75 / 28	628-643	H 05 B	6 / 10	89.1-89.4	B 65 D	90 / 36	359.2			B 65 D		17 / 34
121.67	B 23 K	26 / 14		D 06 F	75 / 40	644	H 05 B	6 / 38	200-201	B 65 D	55 / 00	359.3-359.5			B 65 D		41 / 00
	B 23 K	26 / 16	248	D 06 F	75 / 26	645-646	H 05 B	6 / 10	200	B 65 B	7 / 28	360-365			B 65 D		51 / 16
121.68-121.72	B 23 K	26 / 00	249	D 06 F	75 / 08	647	H 05 B	6 / 22		B 65 D	35 / 44	366.1			B 65 D		51 / 16
121.73-121.75	B 23 K	26 / 06	250-253	D 06 F	75 / 26	648	H 05 B	6 / 32		B 65 D	39 / 00	367.1-374			B 65 D		51 / 16
121.76-121.77	B 23 K	26 / 00	254-255	D 06 F	75 / 24	649	H 05 B	6 / 22		B 65 D	41 / 00	375			B 65 D		55 / 16
121.78-121.79	B 23 K	26 / 02	256-257	D 06 F	75 / 26	650	H 05 B	6 / 06		B 65 D	43 / 00	376-377			B 65 D		51 / 00
121.78	B 23 K	26 / 08	258	D 06 F	75 / 24	651	H 05 B	6 / 26		B 65 D	45 / 00	377.1			A 47 J		31 / 04
121.8	B 23 K	26 / 08	259	D 06 F	75 / 08	652	H 05 B	6 / 22		B 65 D	47 / 00	378			B 65 D		53 / 00
	B 23 K	26 / 10	260	F 23 Q	7 / 00	653-658	H 05 B	6 / 16		B 65 D	51 / 00	379-380			B 65 D		43 / 03
121.81-121.83	B 23 K	26 / 02	261	F 23 Q	7 / 04	659	H 05 B	6 / 22		B 65 D	53 / 00				B 65 D		55 / 00
121.84-121.85	B 23 K	26 / 00	262-266	F 23 Q	13 / 00	660-662	H 05 B	6 / 04		B 65 D	6 / 40	475			B 65 D		25 / 22
121.86	B 23 K	26 / 12		F 23 Q	7 / 00	663	H 05 B	6 / 06	202	B 65 D	90 / 54	476-483			B 65 D		25 / 24
122	B 23 K	9 / 00	267	F 23 Q	7 / 22	664-667	H 05 B	6 / 08	203.01-203.29	B 65 D	51 / 16	484			B 65 D		88 / 76
123	B 23 K	9 / 08	268	F 23 Q	7 / 00	668-671	H 05 B	6 / 04		B 65 D	55 / 14	485-495			B 65 D		6 / 08
124.01-124.03	B 23 K	9 / 06	269-270	F 23 Q	7 / 22	672-676	H 05 B	6 / 36	210	B 65 D	55 / 00	495.01-495.11			B 65 D		25 / 14
124.1-126	B 23 K	9 / 12	383-384	H 05 B	7 / 18	677	H 05 B	6 / 42	211	B 65 D	41 / 56				B 65 D		90 / 00
127-128	B 23 K	9 / 00	385-419	F 27 D	11 / 00	678-686	H 05 B	6 / 64	212	B 65 D	51 / 00	500-557			B 65 D		1 / 24
129	B 23 K	1 / 00	386	F 24 C	7 / 10	687-689	H 05 B	6 / 80	212.5	B 65 D	25 / 28				B 65 D		1 / 36
130.01-130.33	B 23 K	9 / 10	387	A 21 B	1 / 52	690-697	H 05 B	6 / 70	213	B 65 D	51 / 12				B 65 D		25 / 04
130.01	B 23 K	9 / 12	388	F 27 B	9 / 06	698-701	H 05 B	6 / 78	213	B 65 D	53 / 00				B 65 D		57 / 00
130.4	B 23 K	9 / 06	389	F 27 B	7 / 00	702-703	H 05 B	6 / 66	214	B 65 D	55 / 02				B 65 D		85 / 00
130.5-134	B 23 K	9 / 10	390	F 27 B	5 / 14	704-714	H 05 B	6 / 50	215	B 65 D	6 / 10	558			B 42 F		17 / 08
132-134	H 05 B	7 / 11	391-414	A 21 B	1 / 00	715	H 05 B	6 / 66	216	B 65 D	88 / 34	559			B 42 F		17 / 14
136-137	B 23 K	9 / 00		A 21 B	1 / 22	716-724	H 05 B	6 / 80	217	B 65 D	88 / 48	560			B 65 D		25 / 00
137PS	B 23 K	9 / 09	392	F 27 D	5 / 00	725-735	H 05 B	6 / 80	218	B 65 D	88 / 36	560.01-560.15			F 17 C		1 / 00
	B 23 K	9 / 10	420-427	F 27 B	14 / 00	736-744	H 05 B	6 / 76	219	B 65 D	88 / 38				F 17 C		13 / 00
	B 23 K	9 / 12	428-442	F 27 D	11 / 00	745-747	H 05 B	6 / 74	220	B 65 D	88 / 40				F 17 C		3 / 00
137R	B 23 K	33 / 00	443.1	H 05 B	3 / 68	748-749	H 05 B	6 / 72	221	B 65 D	88 / 42				F 17 C		3 / 00
	B 23 K	35 / 30	444.1	H 05 B	3 / 68	750-751	H 05 B	6 / 74	222	B 65 D	88 / 34	561			B 65 D		6 / 28
137WM	B 23 K	35 / 30	445.1	H 05 B	3 / 68	752-755	H 05 B	6 / 78	223	B 65 D	88 / 44	562-564			B 60 P		3 / 00
	B 23 K	35 / 36	446.1	H 05 B	3 / 68	756-760	H 05 B	6 / 64	224	B 65 D	88 / 46				B 62 D		33 / 00
	B 23 K	9 / 23	447.1	H 05 B	3 / 68	761	H 05 B	6 / 72	225	B 65 D	88 / 48				B 65 D		88 / 12
137.2	B 23 K	9 / 28	448.11-448.19	H 05 B	3 / 68	762-763	H 05 B	6 / 64	226	B 65 D	17 / 28	565-567			B 65 D		90 / 02
137.31	B 23 K	9 / 10	449.1	H 05 B	3 / 68	764	H 05 B	6 / 46	227	B 65 D	88 / 50	567.1			B 65 D		88 / 76
137.41-137.42	B 23 K	9 / 16	450.1	H 05 B	3 / 68	765-767	H 05 B	6 / 62	228	B 65 D	88 / 38	567.2-567.3			B 65 D		88 / 00
137.43-137.51	B 23 K	9 / 28	451.1	H 05 B	3 / 68	768	H 05 B	6 / 58	229	B 65 D	53 / 06				B 65 D		90 / 00
137.52	B 23 K	9 / 12	452.11-452.13	H 05 B	3 / 68	769-773	H 05 B	6 / 62	228-230	B 65 D	51 / 00	568			B 01 F		11 / 00
137.61	B 23 K	9 / 28	453.11-453.15	H 05 B	3 / 68	774	H 05 B	6 / 46	231	B 65 D	51 / 16	569			B 65 D		85 / 80
137.62	B 23 K	9 / 12	454.11-454.12	H 05 B	3 / 68	775-776	H 05 B	6 / 60	232-240	B 65 D	53 / 00	570			B 05 C		21 / 00
137.63	B 23 K	9 / 32	455.11-455.12	H 05 B	3 / 68	777	H 05 B	6 / 62	241-242	H 02 G	3 / 14	571-573			B 65 D		1 / 34
137.7	B 23 K	9 / 12	456.1	H 05 B	3 / 68	778	H 05 B	6 / 48	243-251	B 65 D	45 / 00	573.1-573.5			A 47 J		27 / 00
137.71	B 23 K	9 / 10	457.1	H 05 B	3 / 68	779	H 05 B	6 / 50	252	B 65 D	43 / 14				A 47 J		36 / 00
137.8	B 23 K	9 / 12	458.1	H 05 B	3 / 68	780	H 05 B	6 / 54	253	B 65 D	51 / 18				A 47 J		37 / 01
137.9	B 23 K	9 / 32	459.1	H 05 B	3 / 68	U.S. CLASS 220 RECEPTACLES											
138-144	B 23 K	9 / 28	460.1	H 05 B	3 / 68												
	H 05 B	7 / 10	461.1	H 05 B	3 / 68	2	B 65 D	88 / 26	256.1	B 65 D	51 / 18				A 47 G		23 / 00
145.1	B 23 K	35 / 02	462.1	H 05 B	3 / 68	2.1A	H 01 J	29 / 86	257.1-257.2	B 65 D	51 / 20	574.1			A 47 G		19 / 02
145.21	B 23 K	35 / 04	463.1	H 05 B	3 / 68	2.1R	H 01 J	5 / 24									