

**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
<b>U.S. CLASS 123--Con.</b>														
339.1	F 02 D			F 02 M			F 02 P		73-77	F 41 B	11 / 00	23	F 24 C	1 / 00
	F 02 M	3 / 00	464	F 02 D	41 / 38	629	F 02 P	3 / 05	78-79	F 41 B	15 / 00	24	F 24 C	15 / 30
	F 02 M	3 / 06		F 02 M			F 02 P		80-81	F 41 B	11 / 00	25A	A 47 J	37 / 00
339.11	F 02 D		465	F 02 M	69 / 18	630-632	F 02 P	11 / 00	82-85	F 41 B	9 / 00		A 47 J	37 / 07
	F 02 M	3 / 00		F 02 M		633	F 02 P	7 / 02	86-92	F 41 B	5 / 00		F 24 B	3 / 00
	F 02 P	5 / 15	466	B 60 R	25 / 04		F 02 P					25AA	A 47 J	37 / 00
	F 02 D	31 / 00		F 02 M		634	F 02 P		<b>U.S. CLASS 125</b>					
	F 02 D		467	F 02 M	59 / 46		H 01 F	38 / 12	<b>STONE WORKING</b>					
	F 02 M	3 / 00		F 02 M		635	F 02 P	3 / 02	1-2	B 28 D	1 / 00	25B-25C	A 47 J	37 / 00
339.13	F 02 D		468-469	F 02 M	55 / 02		F 02 P		3-5	B 28 D	1 / 18		A 47 J	37 / 07
	F 02 M	3 / 00	470	F 02 M	61 / 14	636-639	F 02 P	15 / 08	6-8	B 28 D	1 / 22	25R	F 24 B	3 / 00
	F 02 M	3 / 06		F 02 M		640	F 02 P	15 / 00	9	B 28 D	1 / 20		A 47 J	37 / 00
339.14-339.28	F 02 D	41 / 00	471	F 02 M	69 / 04		F 02 P		10	B 28 D	1 / 16	26	F 24 B	3 / 00
	F 02 M	3 / 00		F 02 M		641	F 02 P	15 / 12	11.01	B 24 B	53 / 00		A 47 J	37 / 07
339.29	F 02 D	31 / 00	472-480	F 02 M	51 / 00		F 02 P		11.02	B 24 B	53 / 047		F 24 B	3 / 00
342	F 02 D	9 / 02	481	F 02 D	7 / 00	642	F 02 P	3 / 12	11.03	B 24 B	53 / 053	27-28	A 47 J	37 / 00
	F 02 D		482-494	F 02 M	51 / 00	643	F 02 P	7 / 03	11.04	B 24 B	53 / 06		F 24 B	3 / 00
343	F 02 M	35 / 00	495-509	F 02 M	37 / 04		F 02 P		11.05	B 24 B	53 / 07	29-30	F 24 B	3 / 00
344	F 02 M	7 / 00	510-515	F 02 M	37 / 00	644	F 02 P	3 / 05	11.06-11.07	B 24 B	53 / 08	31	F 24 C	13 / 00
345-348	F 02 D	13 / 00		F 02 M			F 02 P		11.08-11.09	B 24 B	53 / 09	32	F 24 C	15 / 00
349	F 02 D	9 / 02	516	F 02 M	37 / 20	645	F 02 P	9 / 00	11.1-11.14	B 24 B	53 / 065	33	F 24 B	9 / 00
	F 02 D			F 02 M			F 02 P		11.15-11.16	B 24 B	53 / 04	34-35	F 24 C	13 / 00
350	F 02 D	41 / 00	517	F 02 M	5 / 10	646	F 02 P	3 / 04	11.17	B 24 B	53 / 06	36	F 24 C	1 / 02
351-359	F 02 D	31 / 00		F 02 M			F 02 P		11.18	B 24 B	53 / 04		F 24 C	3 / 00
360-362	F 02 D	41 / 00	518-521	F 02 M	33 / 02	647	F 02 P	3 / 02	11.19-11.21	B 24 B	53 / 06	37A	F 24 C	15 / 12
363-374	F 02 D	31 / 00	522	F 02 M	17 / 22		F 02 P		11.22	B 24 B	53 / 095		F 24 C	3 / 12
375	F 02 D	1 / 06	523-524	F 02 M	17 / 26	648	F 02 D	35 / 00	11.23	B 24 B	47 / 25	37B	F 24 C	15 / 00
376-377	F 02 D	31 / 00	525-526	F 02 M	21 / 02		F 02 P		12	B 28 D	1 / 02	37R	F 24 C	15 / 08
378-393	F 02 D	7 / 00	527-529	F 02 B	43 / 00	649-652	F 02 P	3 / 04	13.01-15	B 28 D	1 / 04		F 24 C	15 / 18
394	F 02 B	61 / 02	530	F 02 M	5 / 00		F 02 P		16.01-18	B 28 D	1 / 06		F 24 C	3 / 02
	F 02 D		531-535	F 02 M	23 / 00	653	F 02 P	9 / 00	19-20	B 28 D	1 / 02	38	F 24 C	5 / 20
395	F 02 D		536	F 02 B	51 / 00		F 02 P		21	B 28 D	1 / 08	39A	F 24 C	15 / 32
	F 02 M	1 / 02	537-539	F 02 M	27 / 00	654	F 02 P	3 / 00	22	B 28 D	1 / 12	39B	F 24 C	15 / 08
396-397	F 02 D	11 / 10	540-542	F 02 M	15 / 00		F 02 P		23.01-25	B 28 D	1 / 32	39BA	F 24 C	3 / 00
	F 02 D		543-558	F 02 G	5 / 00	655-656	F 02 P	3 / 04	26	B 28 D	1 / 00	39C	A 21 B	1 / 00
398	F 02 D	11 / 02	559.1-566	F 02 B	33 / 00		F 02 P		27-29	B 28 D	3 / 00		F 24 C	3 / 00
	F 02 D		567	F 02 M	25 / 10	657-658	F 02 B	23 / 08	30.01	B 28 D	5 / 00	39D	F 24 C	15 / 32
399	F 02 D	11 / 10	568.11-568.32	F 02 B	47 / 08		F 02 B		30.02	B 28 D	5 / 02		F 24 C	3 / 00
	F 02 D			F 02 M	25 / 07	659	F 02 B	23 / 00	35	B 28 D	7 / 04	39E	F 24 C	3 / 00
400	F 02 D	11 / 04	572-574	F 02 B	25 / 06	660	F 02 B	27 / 00	36	B 28 D	5 / 04	39F	F 24 C	15 / 32
	F 02 D		575	F 02 B	13 / 00	661-667	F 02 B	23 / 00	37	B 28 D	5 / 02		F 24 C	3 / 00
401	F 02 D	11 / 06	576	F 02 B	1 / 00	668-669	F 02 B	75 / 08	38-39	B 28 D	5 / 04	39G	F 24 C	3 / 12
	F 02 D		577	F 02 B	7 / 00	670	F 02 B	51 / 02	40-43	B 28 D	1 / 26	39H-39K	F 24 C	15 / 10
402	F 02 D	9 / 00	578	F 01 P	7 / 16	672-704	F 02 D	41 / 00					F 24 C	3 / 00
403	F 02 D	9 / 08		F 02 B					<b>U.S. CLASS 126</b>					
404-405	F 02 D	13 / 00	579-584	F 02 B	13 / 00	<b>U.S. CLASS 124</b>			<b>STOVES AND FURNACES</b>					
406.11-406.76	F 02 P	5 / 00	585-586	F 02 B	23 / 00	<b>MECHANICAL GUNS AND PROJECTORS</b>			1A	F 24 B	1 / 20	39L	F 24 C	3 / 00
429	F 02 B		587-588	F 02 M	23 / 00	1	F 41 B	15 / 00	1AA-1AC	F 24 C	15 / 00	39M	F 24 C	15 / 00
	F 02 M	63 / 00	590	F 02 M	29 / 00		F 41 F	7 / 00	1AD	F 24 B	5 / 00	39N	F 24 C	15 / 10
	F 02 M		591	F 02 M	33 / 02	2	F 41 B	11 / 00	1AE	F 24 B	5 / 00		F 24 C	3 / 08
430	F 02 B	17 / 00	592	F 02 M	29 / 02		F 41 B	7 / 00		F 24 C	15 / 32	40	F 24 C	3 / 08
431	F 02 B	7 / 00	593	F 02 M	29 / 04	3-19	F 41 F	7 / 00	1B-1E	F 24 B	1 / 20	41A	A 21 B	1 / 44
432-433	F 02 B	15 / 00	594	F 02 P		3	F 41 B	6 / 00		F 24 B	5 / 00		A 47 J	37 / 04
434	F 02 M	37 / 00		G 01 L	23 / 22	4-9	F 41 B	3 / 04	1F	F 24 C	15 / 00	41B	A 21 B	1 / 46
	F 02 M		595	F 02 P	3 / 04	10	F 41 B	15 / 00	1R	A 01 H	5 / 02		A 47 J	37 / 04
435-436	F 02 M	7 / 00		F 02 P		16-17	F 41 B	7 / 00		F 24 B	5 / 08	41C	A 21 B	1 / 48
437	F 02 M	25 / 07	596-598	F 02 P	3 / 06	18-19	F 41 B	7 / 02	2-3	F 23 M	3 / 18	41D-41E	A 47 J	37 / 04
	F 02 M		599	F 02 P	1 / 00	20.1-20.2	F 41 B	7 / 00		F 24 C	15 / 08	41R	F 24 C	15 / 16
438	F 02 M	7 / 24	600-605	F 02 P	3 / 06	20.3-22	F 41 F	7 / 00	4	F 24 C	1 / 14		F 24 C	3 / 00
	F 02 M		606-608	F 02 P	3 / 01	21-22	F 41 B	7 / 00	5	F 24 C	13 / 00	42	F 24 C	3 / 12
439	F 02 M	7 / 17		F 02 P		23.1-25	F 41 B	5 / 00	6	F 24 C	1 / 14	43	F 24 C	5 / 00
	F 02 M		609-611	F 02 P	9 / 00	25.5-25.7	F 41 B	7 / 00	7	F 24 C	13 / 04	44	F 24 C	5 / 02
441	F 02 M	11 / 08	612	F 02 D	41 / 34	26-29	F 41 B	15 / 00		F 24 B	7 / 00	45-49	F 24 C	5 / 04
	F 02 M			F 02 P			F 41 F	1 / 00	8	F 24 B	9 / 00	50	F 24 C	15 / 08
442	F 02 D	9 / 10	613	F 02 P	7 / 073	26	F 41 F	7 / 00	9A-9R	F 24 C	15 / 08	51	F 24 C	15 / 14
	F 02 M		614	F 02 P	5 / 155	27-28	F 41 A	33 / 00		A 47 J	37 / 07		F 24 C	5 / 00
443	F 02 D	41 / 14		F 02 P		29	F 41 A	23 / 00		F 24 B	1 / 20	52	F 24 C	3 / 12
	F 02 M		615	F 02 P	7 / 067	31-39	F 41 A	19 / 00		F 24 C	1 / 16		F 24 C	5 / 16
444	F 02 M			F 02 P		31	F 41 C	27 / 00	10-11	F 24 B	1 / 08	53-54	F 24 C	13 / 00
	F 15 C	1 / 00	616	F 02 P	3 / 12	33-34	F 41 C	27 / 00		F 24 B	13 / 04	55	F 24 C	15 / 08
445	F 02 M	69 / 04		F 02 P		35.1-35.2	F 41 B	11 / 00	12-13	F 23 M	5 / 00	56	F 24 C	1 / 00
	F 02 M		617	F 02 P	7 / 067		F 41 B	5 / 14		F 24 C	15 / 08	57	F 24 C	3 / 12
446	F 02 M	57 / 02		F 02 P		36-39	F 41 C	27 / 00	14	F 24 C	15 / 00		F 24 C	5 / 16
	F 02 M		618	F 02 P	3 / 05	40	F 41 A	17 / 00	15A	A 24 B	5 / 00	58	F 24 C	1 / 00
447	F 02 M	63 / 00		F 02 P		41.1	F 41 F	1 / 00	15R	A 01 H	5 / 08	59	F 24 C	1 / 16
	F 02 M		619	F 02 P	3 / 01	42-44	F 41 A	9 / 00		A 47 J	37 / 07	59.5	A 01 G	13 / 06
448-451	F 02 M	41 / 00		F 02 P		44.5-44.6	F 41 B	5 / 22		F 24 B	5 / 04	60	F 24 C	1 / 00
452-455	F 02 M	69 / 22		F 02 P		44.5-44.7	F 41 F			F 23 J	3 / 00	61	F 24 C	1 / 14
	F 02 M		620	F 02 P	3 / 02	44.7	F 41 B	11 / 00	16	F 24 C	15 / 18	64	F 24 C	15 / 08
456	F 02 M	69 / 46	621	F 02 P	3 / 04	45-50	F 41 A	9 / 61	17	F 24 C	15 / 30	65-66	F 24 B	3 / 00
	F 02 M			F 02 P		51.1	F 41 F	1 / 00	18	F 24 C	15 / 30	67	F 24 B	

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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
<b>U.S. CLASS 126--Con.</b>																	
75	F 24 C	1/08		F 23 H	9/00		F 24 C	3/14	400	F 24 H	7/00	695-697	F 24 J	2/10			
76	F 24 B	5/00	158	F 23 H	11/26		F 24 C	5/20	401	B 44 D	3/16	698-700	F 24 J	2/08			
77	F 24 C	1/14		F 23 H	9/04	276	F 24 C	1/16		F 24 J		701-703	F 24 J	2/00			
78	F 24 C	13/00	159	F 23 H	11/24		F 24 C	3/14	402-404	A 01 K	11/00	704	F 24 J	2/46			
79	F 24 B	5/00		F 23 H	9/04		F 24 C	5/20	405-407	B 44 B	7/02	705-708	F 24 J	2/50			
80	F 24 C	1/08	160	F 23 H	1/02	277-279	F 24 C	15/08	408-409	B 44 B	7/02	709-713	F 24 J	2/46			
81	F 24 C	1/14	161	F 23 H	13/00	280	F 24 C	15/14		A 45 D	1/04	714	F 24 J	2/00			
82	F 24 C	15/06	162	F 23 H	13/06	281-282	A 21 C	13/00	410	D 06 F	67/00						
83	F 24 C	15/08	163A	F 23 H	1/02	283	F 24 B	1/08	411-412	D 06 F	75/00						
84	F 24 C	15/28	163R	F 23 H	13/00		F 24 B	1/16	413-414	B 23 K	3/02						
85A	A 01 K	31/19		F 23 H	17/12		F 24 B	13/04	500	F 24 B	1/18						
	A 01 K	31/20		F 23 H	3/02	284	F 24 H	1/00	501	F 24 B	1/199						
85B	F 24 C	15/00	166	F 23 K	3/22	285A	F 23 L	13/06	502-504	F 24 B	1/187	1	B 01 J	3/00			
	F 24 C	3/00	167-168	F 23 H	17/12	285B	F 23 L	13/00	505	F 23 H	17/08		C 13 K	1/02			
85R	F 24 C	3/00	169	F 23 H	11/20	285R	F 23 L	11/00		F 24 B	1/182	2	C 13 K				
	F 24 C	3/00	170-172	F 23 H	7/18		F 23 L	13/00	506	F 24 B	1/193	3	B 01 J	3/00			
	F 24 C	3/04		F 23 H	9/12		F 23 L	3/00	507	F 24 B	1/182	4	C 13 B	10/12			
	F 24 H	3/00	173	F 23 H	15/00	285.5	F 23 N	3/00		B 01 D			B 02 C				
86	F 24 C	3/02	174-175	F 23 H	7/08	286-287	F 23 L	11/00	508	F 24 B	1/181		C 13 B	10/02			
87-88	F 24 C	3/04		F 23 H	7/14		F 23 L	13/00		F 24 B	1/191		C 13 B	10/12			
89	F 24 C	3/02	176A	F 23 H	7/10		F 23 L	3/00		F 24 B	1/183		C 13 C				
90A	F 24 C	3/00		F 23 H	7/16	287.5	F 23 N	3/04		F 24 F	6/00		C 13 D				
90R	F 24 C	3/00		F 23 H	9/00	289-297	F 23 L	11/00	509-510	F 24 B	1/18	5-8	C 13 B	10/12			
	F 24 C	3/04			7/10		F 23 L	13/00		F 24 B	1/188	9	B 01 D	33/00			
	F 24 H	3/00			7/16		F 23 L	3/00	511	F 24 D	1/18		C 13 B	20/00			
91A	F 23 C	3/00	181	F 23 H	9/02	298	F 24 B	13/00		F 24 B			C 13 J				
	F 24 C	3/04	182	F 23 H	9/00			15/20	512	F 24 D		10	B 01 D	61/24			
91R	F 23 C	3/00	190-200	F 23 M	7/00			15/08		F 23 C			C 13 B	20/16			
	F 24 C	3/00		F 24 C	15/04	307A	F 23 L	11/00		F 24 B	1/18		C 13 B	35/08			
	F 24 H	3/00	201	F 24 C	15/36		F 23 M	9/00		F 24 C	3/00	11-14	B 01 D	21/00			
92A	F 24 C	1/02	204-210	A 61 F	7/00	307R	F 23 J	13/02		F 24 C	5/00		C 13 B	20/00			
	F 24 C	7/04		A 61 F	7/08		F 23 M	9/00	513-514	F 24 B	1/183		C 13 B	35/08			
92AC	F 24 C	3/04	211-212	F 24 C	15/10		F 24 C	15/00	515-517	F 23 L		15-16	B 01 D	9/00			
92B-92C	F 24 C	3/04	213	F 24 C	15/10	312	F 23 J	11/00		F 24 B	1/188		C 13 B	30/00			
92R	F 24 C	15/24		F 24 C	15/22	313	F 23 J	11/00	518	F 24 B	1/189	17-22	C 13 B	25/00			
	F 24 C	3/00	214A	F 24 C	15/10		F 24 F	5/00		F 23 L			C 13 B	30/00			
	F 24 C	3/04	214B	F 24 C	15/10	314-315	F 23 J	13/00		F 24 B	1/189	23	C 08 B	30/20			
93-95	F 24 C	5/00		F 24 C	15/12	316	F 23 J	13/06		F 24 B	1/19	24-27	A 23 N	1/00			
96-97	F 24 C	5/04		F 24 C	15/10	317	F 23 J	13/00	519	F 24 B	1/181		A 23 N	12/00			
98	F 24 C	15/00	219	F 24 C	15/06	318	F 23 J	13/04	520	F 24 B	1/18		A 23 N	15/00			
99A	F 24 H	3/08		F 24 C	15/10	319	F 23 J	13/08	521-522	F 24 B	1/189		C 10 L	1/00			
99C	F 24 H	3/06	220-221	F 24 C	15/10	332-340	F 24 C	15/16	523-535	F 24 B	1/188	28	C 10 L	1/00			
99D-99P	F 24 H	3/00	222-225	F 23 G	5/00	343.5A	C 10 C	3/12		F 24 B	1/189	29	C 08 B	30/00			
99R	F 24 H	3/00	226	F 24 C	1/00			19/45	536-539	F 24 B	1/189		C 13 B	50/00			
	F 24 H	3/06	227	F 24 C	3/00			1/00	540-542	F 23 H		30	C 13 B	50/00			
	F 24 H	9/20		F 24 C	5/00	345-346	F 24 H	1/18		F 24 B	1/193		C 13 K				
100	F 24 B	7/00	228	D 06 F	79/00	347	A 47 J	27/00	543	F 23 H		31	C 13 K	5/00			
101	F 24 D	9/00		F 24 C	15/00		F 24 H	1/18		F 24 B	1/181	32-33	C 08 B	30/12			
102	F 24 H	3/06		F 24 C	3/00	348-349	F 24 H	1/18		F 24 B	1/193	34	C 08 B	30/00			
103	F 24 B	5/04		F 24 C	5/00	350.1	F 24 H	1/00	544-549	F 24 B	1/192	36	C 08 B	37/00			
	F 24 H	3/00	229	F 24 C	3/00	350.2	F 24 F	6/00		F 24 B	1/195		C 13 K				
	F 24 H	3/06		F 24 C	5/00	351.1	F 24 H	9/20	550	F 24 B	1/193	37	C 13 K	1/02			
104A-104R	F 24 H	3/00	230	F 24 C	1/00	355.1	F 24 H	1/10	552-553	F 24 B	1/195	38-40	C 13 K	1/06			
105A	F 24 H	9/00	231-235	F 24 C	3/00	357.1	F 24 B	9/00	554-555	F 23 J	1/00	41	C 13 K	1/08			
105R	F 24 H	3/00	236	F 24 C	1/00	358.1	F 24 H	9/00		F 24 B	1/18	42	C 13 D				
	F 24 H	9/00	237-238	F 24 C	3/00	359.1	F 24 H	1/10	561-568	F 24 J	2/42		C 13 F				
	F 24 H	9/20	239-241	F 24 C	5/00	360.1-360.2	F 24 H	1/20	569	F 24 J	2/00		C 13 J				
106	F 24 H	3/12	242-243	F 23 J	1/00	361.1	F 24 B	9/00	570-571	F 24 J	2/46		C 13 K	13/00			
107	F 24 H	9/18	244	F 23 J	1/06		F 24 C	13/00	572	F 24 J	2/40	43	C 13 B	10/00			
108	F 24 H	3/00	245	F 23 J	1/00	362.1	F 24 B	9/00	573-582	F 24 J	2/38		C 13 D	1/00			
109	F 24 H	3/08	246	A 47 G	23/04		F 24 C	13/00	583-599	F 24 J	2/40	44	C 13 B	10/14			
110A	F 24 H	3/02		F 24 C	15/18		F 24 D	17/00	600-608	F 24 J	2/38		C 13 D	1/14			
110AA	F 24 H	3/02	247	F 24 C	9/00		F 24 H	1/00	609-616	F 24 J	2/42	45	C 13 B	10/00			
110B-110E	F 24 H	3/02	248	F 24 C	1/00	363.1	F 24 B	9/00	617-620	F 24 J	2/34		C 13 D	1/00			
110R	F 24 H	3/06	249	F 24 C	3/00		F 24 C	13/00	621-622	E 04 D	13/18	46.1-46.3	C 13 B	35/06			
	F 24 H	3/08	250-253	F 23 D	14/00		F 24 H	9/06	623	F 24 J	2/46		C 13 J	1/06			
	F 24 H	3/10		F 24 C	3/00	364.1	E 04 F	17/02	624-626	F 24 J	2/36	47	C 13 B	20/00			
111-112	F 24 H	3/00	254	F 24 C	3/00		F 23 J	11/00	627	F 24 J	2/46		C 13 B	35/04			
113	F 24 F	3/14	255-260	F 24 C	5/04		F 24 B	9/00	628-633	E 04 D	13/18		C 13 D	3/00			
	F 24 H	3/00	261-262	A 47 G	23/04		F 24 C	13/00	634	F 24 J	2/04		C 13 J	1/04			
114	F 24 H	3/00	263.01-263.1	F 24 J	1/00	365.1	F 24 B	9/00	635-637	F 24 J	2/32	48	C 13 B	20/00			
	F 24 H	9/02		F 24 J	3/00		F 24 C	13/00	638-639	F 24 J	2/44		C 13 B	35/02			
115	F 24 H	3/00	265-267	F 23 C	1/00		F 24 D	17/00	640-642	F 24 J	2/04		C 13 D	3/00			
116A	F 24 H	9/20	268	A 47 G	23/04		F 24 H	1/00	643-645	F 24 J	2/30		C 13 J				