F.C.1		604	Having fluid power
561	SOLAR HEAT COLLECTOR FOR POND OR	605	Motor
562	POOL	606	Gearing
302	.Including auxiliary source for	607	Gearing
563	adding heat to pool .Remotely located from pool	608	Manual
564	.Within pool water	609	.With auxiliary heat source for
565	.On pool water surface	003	fluent medium
566	Pool cover is collector	610	In a tank
567		611	In a heat exchanger
367	.With means to extract heat from	612	In the collector
E C O	pond liquid	613	Heat pump
568	.In contact with pond liquid	614	Fireplace
569	SOLAR HEAT COLLECTOR	615	Water heater
570	.Having external damage preventer	616	Hot air furnace
571	Comprising movable support	617	.With heat storage mass
572	.With control means energized in	618	Phase change
	response to actuator	619	Specific chemical
F72	stimulated by condition sensor	620	Rocks or soil
573	Including sun position tracking	621	. Solar collector forms part of
F 7 1	sensor	021	building roof
574	With computer	622	Solar collector includes roof
575	With timer	022	shingles or tiles
576	With motor	623	Solar collector supported on
577	With gear	023	existing roof structure
578	Electronic sensor	624	.Rollable or foldable collector
579	Fluid expansion sensor	024	unit of nonrigid material
580	Gas	625	Fluent medium is gas
581	Solid expansion sensor	626	Fluent medium is water
582	Phase change sensor	627	.Foldable collector unit of rigid
583	Of fluent medium	027	material
584	Pressure responsive	628	.Including means to utilize
585	Temperature responsive	020	fluent medium from collector
586	Set point control		to heat interior of building
587	Differential temperature	629	With device to circulate air
	control	023	from room of building through
588	Freezing prevention		collector
589	Overheating prevention	630	Plural circulators
590	Fluid level responsive	631	Circulator located in
591	Of fluid flow	031	collector
592	Liquid	632	Circulator located in building
593	Of collector	633	With fluent medium passage in
594	Pressure responsive	055	floor or wall of room
595	Temperature responsive	634	.With means to convey fluent
596	Set point control	031	medium through collector
597	Differential temperature	635	Having evaporator and condenser
	control	055	sections (e.g., heat pipe)
598	Freezing prevention	636	Particular fluid
599	Overheating prevention	637	Gas
600	.With means to reposition solar	638	Thermosyphonic fluid
	collector for optimum		circulation
	radiation exposure	639	Liquid
601	Computer	640	With storage tank for fluent
602	Timer	0 = 0	medium
603	Electric		

641	Having heat exchanger within storage tank	678	.Particular fluent medium including radiation absorbing
642	Tank is heat exchanger		material
643	With heat exchanger	679	Specific chemical
644	With solid phase change	680	.Energy concentrator with support
645	With liquid phase change		for material heated
646	Pump	681	Solar oven
647	Blower	682	Having foldable energy
648	With radiation trap		concentrator
649	Plural traps	683	.With concentrating reflector and
650	Particular material		concentrating lens
651	Conduit absorber structure	684	.With concentrating reflector
652	Surrounded by transparent	685	Plural reflectors in optical
	enclosure		series
653	Sealed chamber between	686	Flat and curved
	enclosure and absorber	687	Flat
	contains vacuum promoter	688	Spot focus
	(e.g., getter)	689	Spherical
654	Sealed chamber between	690	Parabolic
	enclosure and absorber	691	Elliptical
	contains gas for promoting	692	Line focus
	heat transfer	693	Circular
655	Plurality of conduit	694	Parabolic
	absorbers	695	Elliptical
656	Axis of conduit is curved	696	Reflector support
	(e.g., helical or serpentine)	697	Inflatable reflector
657	With reflector	698	
658	Having heat-absorbing fin or		.With concentrating lens
030	plate	699	Circular lens
659	With fastener to secure fin	700	Lens support
033	to conduit	701	.Controlling solar radiation
660	Plate integral with conduit	702	Interconnected slats (e.g.,
661	Plate surface with conduit	E00	blinds, shutters)
001	secured thereto	703	Manual
662	Conduit positioned in a	704	.Collector housing
002	groove in the plate	705	Cover
663	Plural conduits	706	Insulation
664		707	Plastic
	Noncircular conduit	708	Glass
665	Flexible conduit	709	Insulation
666	Rectangular metallic conduit	710	Particular material
667	Having internal partition	711	Plastic
668	Rectangular nonmetallic	712	Glass
	conduit	713	Metal
669	Having internal partition	714	PROCESS OF HEATING BY USING SOLAR
670	Circular metallic conduit		HEAT
671	Having internal partition	204	BODY WARMERS
672	Circular nonmetallic conduit	205	.Bed heaters
673	Having internal partition	207	.Heated block
674	Absorber having extended	206	.Composition fuel
	surface	208	Liquid or gaseous fuel
675	Corrugated surface	209	Combined heater and lantern
676	Particular absorber material	210	Water heater
677	Metal	401	TOOL HAVING FLUID FUEL BURNER
		- O -	III. I I I I I I I I I I I I I I I

402	.Branding iron	515	.Inlet air supply from outside
403	Gas		fireplace room
404	Hydrocarbon reservoir	516	With air pump
405	.Burning tool	517	And air flow regulator
406	Gas	518	With air flow regulator
407	Hydrocarbon reservoir	519	.Circular viewability of flame
408	.Curling iron	520	.Insertable into existing window
409	Hydrocarbon reservoir	521	.With air pump
410	.Roll heating type	522	Tubular heat exchanger
411	.Sadiron	523	.With heat exchanger for room
412	Hydrocarbon reservoir	323	heating air
413	.Soldering iron	524	Tubular
414	Hydrocarbon reservoir	525	Secondary outlet leads air to
226	TOOL HEATERS	323	flame
236		526	With air flow regulator
	.Soldering iron	527	_
237	Gas heaters	527	Secondary outlet leads air to
238	Tool-controlled valve	528	flame
239	Liquid fuel	528	Air flow path between exterior
240	Combined heater and solder pot		surface of heat exchanger and
241	Lamp	F20	facing building surface
229	.Liquid or gaseous fuel	529	And additional flow path
231	Gas burner attachments		through hollow walled heat
232	Combined lighting and heating	F 2 0	exchanger
233	Jet mixer	530	With air flow regulator
234	Tool-controlled valve	531	Hollow side walls in heat
235	Lamp attachments		exchanger
230	Flatiron	532	With means facilitating ash
227	.Flatiron		removal
228	Attachments	533	With air flow regulator
284	GLUE POTS	534	And adjustable flue damper
281	DOUGH RAISERS	535	And adjustable flue damper
282	.Lamp type	536	.Adjustable flue damper
	MELTING FURNACES	537	Screw operator
	.Other than snow (asphalt, etc.)	538	Variable predetermined
19.5	COMBUSTION ENGINE-HEATED COOKING		positions
19.9	STOVES, OVEN OR HEATING	539	From exterior of front face of
	VESSELS		fireplace
500	FIREPLACES OR ACCESSORIES	540	.Grate structure
501	.Hopper feed of solid fuel	541	Relatively movable parts
502	.Condition responsive control	542	Including means facilitating
503	Of fluid fuel feed		ash removal
504	Of flue damper	543	With removable ash pan
	-	544	.Front barrier or quard
505	.With article warming shelf on	545	With particular seal
F.O.C	grate	546	Vertically adjustable
506	.With food cooker	547	Solid front cover
507	.With filter	548	And perforated screen
508	.With room humidifier	549	And auxiliary air flow
509	.For heating plural rooms	ンゴノ	adjuster
510	Fireplace in dividing wall	550	Smoke collecting hood
511	Rotatable fire chamber		
512	.Fluid fuel	551 552	Screen slidable on track
513	.With liquid heater	552 552	.Heat reflecting structure
514	And means conducting liquid to	553	Adjustable
	room heater		

554	.With means facilitating ash removal	388.1	And indicator or signaler feature
555	Removable ash pan	389.1	Vent for steam emitted from the
344	LIQUID HEATER		liquid
345	.Kettle furnace	390.1	Heating wall structure
346	Canning	350.1	.Fluid fuel burner for other than
348	Steam generator and cooker		top-accessible vessel
349	Tilting	351.1	And condition responsive
347	Horizontal combustion chamber		feature
369	.Steam chamber for food	355.1	And liquid dripping from plate,
369.1	With additional heating fluid		pan, or suspended strip
369.2	Plural steam chambers	357.1	And separable heat exchanger to
369.3	Selective supply		heat the liquid
367.1	.Solid fuel burner and submerged	358.1	Wick lamp type
307.1	under the liquid	359.1	And the liquid flows down a
368.1	United to vessel containing the		cylindrical or conical surface
300.1	liquid	360.1	And liquid heater is submerged
364.1	.And stovepipe	300.1	under the liquid
365.1	Having means to circulate the	360.2	Direct contact of the liquid
303.1	liquid	300.2	by exhaust
373.1	.Open-top vessel that may include	350.2	Vaporizer or humidifier
3/3.1	lid	361.1	.Boiler receiving hot liquid or
374.1	And condition responsive	30111	steam from stove or furnace
3/4.1	feature		(e.g., kitchen boiler, range
375.1	Heat accumulator		boiler, etc.)
376.1	Heating fluid confining,	362.1	Having means to circulate the
370.1	directing, or shielding		liquid
		363.1	
	reariire	303.I	Support
377 1	feature Heating fluid is a liquid or	303.1	Support HEATERS
377.1	Heating fluid is a liquid or		
	Heating fluid is a liquid or steam	263.01 263.02	HEATERS
377.1 378.1	Heating fluid is a liquid or steamIn closed chamber or coiled	263.01	HEATERS .ChemicalOxidation with air
378.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquid	263.01 263.02	HEATERS .Chemical
	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the	263.01 263.02 263.03	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquid
378.1 379.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vessel	263.01 263.02	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from
378.1	 Heating fluid is a liquid or steam In closed chamber or coiled pipe to heat the liquid Steam jet directed into the liquid of vessel The liquid circulating 	263.01 263.02 263.03 263.04	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquid
378.1 379.1	 Heating fluid is a liquid or steam In closed chamber or coiled pipe to heat the liquid Steam jet directed into the liquid of vessel The liquid circulating between external heating tube 	263.01 263.02 263.03	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid
378.1 379.1 392.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vessel	263.01 263.02 263.03 263.04	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)
378.1 379.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel	263.01 263.02 263.03 263.04 263.05	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and
378.1 379.1 392.1 391.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquid	263.01 263.02 263.03 263.04 263.05 263.06	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartments
378.1 379.1 392.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel	263.01 263.02 263.03 263.04 263.05	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment
378.1 379.1 392.1 391.1 380.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vessel	263.01 263.02 263.03 263.04 263.05 263.06	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartments
378.1 379.1 392.1 391.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to	263.01 263.02 263.03 263.04 263.05 263.06	.Chemical .Oxidation with air .Crystallization of supercooled liquidBy escape of reactant from container within liquid .Liquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture
378.1 379.1 392.1 391.1 380.1 381.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vessel	263.01 263.02 263.03 263.04 263.05 263.06	HEATERS .Chemical .Oxidation with air .Crystallization of supercooled liquid By escape of reactant from container within liquid .Liquid in contact with solid (e.g., water and lime) Including separate solid and liquid compartments Flexible wall compartment (e.g., flexible plastic bag)
378.1 379.1 392.1 391.1 380.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of	263.01 263.02 263.03 263.04 263.05 263.06	HEATERS .Chemical .Oxidation with air .Crystallization of supercooled liquid By escape of reactant from container within liquid .Liquid in contact with solid (e.g., water and lime) Including separate solid and liquid compartments Flexible wall compartment (e.g., flexible plastic bag) Including means to rupture or open solid or liquid
378.1 379.1 392.1 391.1 380.1 381.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquid	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartment
378.1 379.1 392.1 391.1 380.1 381.1 382.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	HEATERS .Chemical .Oxidation with air .Crystallization of supercooled liquid By escape of reactant from container within liquid .Liquid in contact with solid (e.g., water and lime) Including separate solid and liquid compartments Flexible wall compartment (e.g., flexible plastic bag) Including means to rupture or open solid or liquid compartment Including means to rupture or
378.1 379.1 392.1 391.1 380.1 381.1 382.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	.ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid
378.1 379.1 392.1 391.1 380.1 381.1 382.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquid	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	.Chemical .Oxidation with air .Crystallization of supercooled liquidBy escape of reactant from container within liquid .Liquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid compartment
378.1 379.1 392.1 391.1 380.1 381.1 382.1 383.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquidAnd in closure for vessel	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	.ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid compartmentIncluding time release
378.1 379.1 392.1 391.1 380.1 381.1 382.1 383.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquidAnd in closure for vessel (e.g., lid, etc.)	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	.ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid compartmentIncluding time release coating on solid in contact
378.1 379.1 392.1 391.1 380.1 381.1 382.1 383.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselCondenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquidAnd in closure for vessel (e.g., lid, etc.)Annular receptacle for vessel	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid compartmentIncluding time release coating on solid in contact with liquid
378.1 379.1 392.1 391.1 380.1 381.1 382.1 383.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselAnd condenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquidAnd in closure for vessel (e.g., lid, etc.)	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08 263.09	.Chemical .Oxidation with air .Crystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid compartmentIncluding time release coating on solid in contact with liquid .Dish
378.1 379.1 392.1 391.1 380.1 381.1 382.1 383.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselCondenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquidAnd in closure for vessel (e.g., lid, etc.)Annular receptacle for vesselRestoring overflow or spatter to vessel	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08 263.1	HEATERS .Chemical .Oxidation with air .Crystallization of supercooled liquid By escape of reactant from container within liquid .Liquid in contact with solid (e.g., water and lime) Including separate solid and liquid compartments Flexible wall compartment (e.g., flexible plastic bag) Including means to rupture or open solid or liquid compartment Including means to rupture or open solid or liquid compartment Including time release coating on solid in contact with liquid .Dish .Powder
378.1 379.1 392.1 391.1 380.1 381.1 382.1 383.1 384.1 385.1 386.1	Heating fluid is a liquid or steamIn closed chamber or coiled pipe to heat the liquidSteam jet directed into the liquid of vesselThe liquid circulating between external heating tube and vesselFlue penetrates wall of vessel into the liquidAnd supply of the liquid to vesselCondenser for steam from vesselCondenser is confined body of liquidCollecting, directing, or shielding feature for overflow or spatter of the liquidAnd in closure for vessel (e.g., lid, etc.)Annular receptacle for vesselRestoring overflow or spatter	263.01 263.02 263.03 263.04 263.05 263.06 263.07 263.08 263.1	HEATERS .ChemicalOxidation with airCrystallization of supercooled liquidBy escape of reactant from container within liquidLiquid in contact with solid (e.g., water and lime)Including separate solid and liquid compartmentsFlexible wall compartment (e.g., flexible plastic bag)Including means to rupture or open solid or liquid compartmentIncluding means to rupture or open solid or liquid compartmentIncluding time release coating on solid in contact with liquid .Dish .Powder .Lunch

266	Dinner buckets	109	.Tubular air heater
267	Combined bucket and lantern	107	.Magazine
262	Combined can and heater	104 R	.Horizontal combustion chamber
271.1	.Surface	104 A	Blowers
271.2 R	Fluid fuel	102	.Circular radiating drum
271.2 A	Pavement heaters	103	.Downdraft
271.2 В	Switch heaters	112	.Feeding air
271.2 C	Machine open burners	113	.Air moisteners
271.3	Solid fuel	114	.Casings
247	.Frictional	115	.Dust flue
	.Liquid or gaseous fuel	105 R	.Hot-air equalizers
	Attachments	105 A	Fan in casing top
248	Drum	118	.Radiating flanges
249	Gas jet	119	.Joints
254	Combined	99 P	.Pipeless
252	Article support	99 A	.Tubular heater
253	Jet mixer	99 C	.Helical passages
250	Air	99 D	.Air baffles
251	Jet mixer		STOVES
255	Lamp	1 R	.Cooking
	Chimney heaters	24	Ship's galley
258	Article support	25 R	Summer
257	Air	29	Field
	Stands	30	Supporting frame
260	Article support	27	Stove top-supported
259 R	Air heaters	28	Stove flue-connected
259 M	Drums, mufflers and heat	26	Detachable fire pot
	exchangers	25 A	Variable distance from heat
256	Article support		source
	TRASH BURNERS	25 AA	Rotating and elevating
222	.Cooking stoves	25 B	Igniting
223	Feeding attachments	25 C	Extinguishing
225	.Heating stoves	9 R	Knockdown or separable
224	.Domestic-refuse burners	9 A	Disposable units
99 R	HOT-AIR FURNACES	9 B	Knockdown elements
100	.Combined with cooking stove	4	Combined cooking and heating
101	.Combined with boiler		stove
110 R	.Compressed air	5	Steam or water generators
110 A	Blower and air damper	6	Air-heating
110 AA	Downflow of air being heated	7	Magazine
110 В	Unit heaters	8	Brick set
110 C	Gas and air mixing	23	Reversible
110 D	Unitary fan and heater	2	Double fire pot
110 E	Thermally actuated air-	3	Cooking and heating
	propelling means	10	Magazine
111	.Double fire pot	11	Portable
116 R	.Liquid or gaseous fuel	33	Tables, steam-heated
116 A	Automatic control	55	Combined base and hot closet
116 B	Floor and wall furnaces		Liquid or gaseous fuel
116 C	Electric auxiliary	38	Folding or nesting kit
117	.Preliminary air heater	37 R	Cabinet
106	.Internal air chamber	37 A	Top cover plate
108	.Secondary heating chamber	37 B	Slidable, fold, or swingable
	horizontally arranged	36	Combined coal and gas

52	Valve mechanism, article-	22	Protector plate
	controlled	19 M	Movable ovens
53	Water backs	34	Water backs
54	Combined burner and water	35	Safety devices
	back		Water-heating
39 R	Gas	31	Flue extension
41 R	Broilers	12	Hearths
41 A	Rotary-vertical axis	13	Fire pot
41 B	Rotary-horizontal axis	14	Broiling attachments
41 C	Endless chain	32	Spittoon attachments
41 D	Drawer	1 A	Side oven
41 E	Drawer-elevating	1 AA	Wall in common
40	Burner stands	1 AB	Wall separate
42	Safety attachments	1 AC	Wall laterally spaced
39 A	Heating kitchen	1 AD	Wall lateral air feed
39 B	Frame structure	1 AE	Wall lateral gas passage
39 BA	Electric features	1 B	Side and superimposed oven
39 C	Miscellaneous ovens	1 C	Side and underlying oven
39 D	Indirectly heated	1 D	
39 E	Burners and lighters	1 E	Superimposed oven
39 F	Fireless cookers		Underlying oven
	Thermostatic control	1 F	Insulation
39 G		56	.Car
39 H	Hot plates	57	Protective casings
39 N	Hot plates, front plates,	58	.Heating
20 -	valve and manifold	59	Camp
39 J	Hot plates with radiants	59.5	Orchard
39 K	Hot plates, air feed, and	60	Horizontal body
20 -	flame shields	61	Hot air
39 L	Rotating stove	64	Panel
39 M	Removable liner	65	Sheet metal
	Liquid	66	Hot air
43	Alcohol	79	Smoke and gas returning
44	Vapor		Liquid or gaseous fuel
45	Wick	84	Combined heating and
46	Extension top		ventilating
47	Lamp type	85 R	Gas
48	\ldots Combined top, chimney and	91 R	Radiator type
	burner	91 A	Elongated radiant tube
49	Reservoir supporting top and	86	Open front
	burner	87	Asbestos fireback
51	Drip pan or receptacle	88	Hot air
50	Supporting frame	89	Hot air
15 R	Feeding air	90 R	Hot air
15 A	Forced air	90 A	Electric heater
16	Flue cleaners	92 R	Incandescent fire grate
	Elevated ovens	92 AC	Radiant
17	Smoke pipe-heated	92 A	Electric radiant
18	Top plate-supported	92 B	Radiant with reflector
19 R	Ovens	92 C	Radiant enclosed by furnace
20	Steam or hot water	<i>J</i> 2 C	shell
20.1	Plural	85 A	Brooder stoves
20.2	Selective supply	85 B	Connected to outside
20.2 21 R	Ventilated	93	Liquid
21 A	Forced circulation	94	Flue-connected
21 II	······ or coa criculation	J 4	riue-connected

95	Vanor	212	Contora or group niogog
96	Vapor Wick	220	.Centers or cross pieces .Lids
97	Heating and illuminating	221	.Stove mats
67	Hot air	400	HEAT ACCUMULATOR STRUCTURES
68	Magazine	190	STOVE DOORS AND WINDOWS
69	Revertible draft, base-heating	198	Oven doors, ventilating
72	Tubular air heaters	193	.Feeding air
72	Internal air chamber	191	.Balanced
70	Central air tube	171	.Latches
73	Magazine	197	Combined latch and operator
74	Revertible draft, base-heating	192	.Door-operator
75	Revertible draft, base-heating	194	.Hinges
76	Downdraft	200	.Transparent panel
77	Feeding air	332	STOVE SHELVES
78	Feeding steam	337 R	Oven shelf or rack
80	Ventilating attachments	338	Rotary
81	Stove plates	339	Sliding
82	Adjustable pipe collar	340	Door-operated
83	Deflector plate	337 A	Shelf-adjusting
98	Joints	337 A	.Drop
50	OVENS	335	Door-operated
273 R	.Domestic	333	.Brackets or stands
273 K	With heat accumulator, e.g.,	285 R	DAMPERS
273.3	fireless	285.5	.Timer-controlled
274	Dut.ch	286	.Distance operating devices
275 R	Portable	287	Door-operated
275 E	Electric	287.5	.Fusible release
273 A	Wall-mounted	289	.Stove
276	.Wagon	290	Draft
144	FIRE POTS AND LININGS	291	Repair
111	.Rotary	292	. Stovepipe
149	Horizontal axis	293	Combined damper and ventilator
150	Vertical axis	295	Lock and indicator
145	.Adjustable	296	Multiple
146	.Feeding air	297	Sinuous passage
147	.Divided	294	Cone
151	.Sectional	285 A	.Slide
148	.Fire plate	285 B	.Electric
242	ASH DISCHARGE AND COLLECTING	152 R	GRATES
245	.Combined stove and ash pan	163 R	.Feeding air
243	.Ash pans	163 A	Auxiliary grate
244	Sifting	153	.Adjustable
211	STOVE LIDS AND TOPS	154	Vertically
217	.Heating stove	160	.Closures
218	Cooking attachments	166	.Fuel cut-off
219	Ornaments and urns	161	.Cut-off
213	.Illuminating	101	.Rotary
214 R	Liquid or gaseous fuel	181	Horizontal axis
215	Elevating support	182	Vertical axis
216	Extension top	102	OSCILLATORY
214 A	Units mounted in counter top	170	Vertical axis
214 B	Buck panel structure	171	Dumping section
214 C	Top grid	172	Sliding section
214 D	Shields and deflectors	176 R	.Rocking bar
-		_, 5 10	

100			
177	Dumping	~~~~	
178	Duplex	CROSS-	REFERENCE ART COLLECTIONS
179 180	Grate bar	0.00	
176 A	Removing fuel supportDetachable shaker arms	903	SOLAR COLLECTOR CLEANING DEVICE
176 A 174	. Reciprocating	904	ARRANGEMENTS FOR SEALING SOLAR COLLECTOR
175	Alternate bar	905	PREVENTING CONDENSING OF MOISTURE
155	.Agitating		IN SOLAR COLLECTOR
159	Pocket	906	CONNECTING PLURAL SOLAR
158	Dumping		COLLECTORS AS A UNIT
156	Alternate ends	907	ABSORBER COATING
157	Alternate bar	908	.Particular chemical
162	.Dumping	909	LINEAR CONCENTRATING LENS
167	.Grate bar	910	HEAT STORAGE LIQUID
168	Removable fuel support		_
169	.Operating mechanism		
173	.Raking attachments		
152 A	.Reinforcements	FOREIG	N ART COLLECTIONS
152 в	.Special features		
299 R	STOVE HOODS	FOR 00	O CLASS-RELATED FOREIGN DOCUMENTS
300	.Stove discharge	1011 00	Cambb Remited Foreign Boothering
301	.Stovepipe discharge	Any for	reign patents or non-patent litera-
302	Stove casing	ture fi	rom subclasses that have been
303	Top plate casing	reclass	sified have been transferred
299 C	.Splatter shields		ly to FOR Collections listed below.
299 D	.Stove surface ventilation only		Collections contain ONLY foreign
299 E	Including liquid contact		s or non-patent literature. The par-
299 F	.Smoke eliminators and flue		ical references in the Collection
	deflectors		refer to the abolished subclasses
307 R	STOVEPIPES	irom wr	nich these Collections were derived.
312	.Ventilation		
313	.Air-moistening attachments		
307 A	.Back draft diverter		
314	STOVEPIPE THIMBLES		LIQUID HEATER
316	.Combined thimble and ventilator		00 .Stand boilers (126/361)
315	.Adjustable flue collar		1Circulation (126/362)
318	.Stovepipe anchor or lock		2Supports (126/363)
319	.Flue stoppers		3 .Stovepipe (126/364)
317	.Floor or ceiling plates	FOR 10	4Circulation (126/365)
280	SOOT CATCHERS		.Submerged (126/unnumbered)
201	FENDERS		05Portable (126/367)
298	FIRE DOGS		06 Closed systems pipes (126/366)
277	PLATFORMS		7Stationary (126/368)
278	.Stove boards		08 .Vessels (126/373)
279	.Ventilating	FOR 10	9With automatic control (126/
304 R	STOVE LEGS		374)
305	.Base supports		.0With heat accumulator (126/375)
306	.Sheet metal		.1Fluid-heated (126/376)
304 A	.Adjustable legs	FOR 11	.2Steam- or water-heated (126/
283	FUEL BOXES	11	377)
		FOR 11	.3Closed chamber or coil (126/
		FOR 11	.4Jet (126/379)
			.5With liquid supply (126/380)
		101/11	rrdara pappry (120/300)

- FOR 116 .. With condenser (126/381)
- FOR 117 ... Condensing liquid (126/382)
- FOR 118 .. Overflow directors or receptors (126/383)
- FOR 119 ... In vessel closure (126/384)
- FOR 120 ... Annular receptor (126/385)
- FOR 121With return (126/386)
- FOR 122 ..With heat-type agitator or circulator (126/387)
- FOR 123 ..With signal or indicator (126/ 388)
- FOR 124 ...With vent passage (126/389)
- FOR 125 ..Heating-surface construction and arrangement (126/390)
- FOR 126 ... Fire tube type (126/391)
- FOR 127 ... Water tube type (126/392)
- FOR 128 .Liquid and gaseous fuel (126/350 R)
- FOR 129 .. Automatic (126/351)
- FOR 130 ..Drip plate (126/355)
- FOR 131 .. Hinged or separable (126/357)
- FOR 132 ..Lamp type (126/358)
- FOR 133 .. Overflow (126/359)
- FOR 134 ... Submerged (126/360 R)
- FOR 135 ... Submerged flame (126/360 A)
- FOR 136 ..Automobile radiator heater (126/350 A)
- FOR 137 .. Vaporizers and humidifiers (126/350 B)
- FOR 138 .. Washing machines (126/350 C)
- FOR 139 ... Shower bath (126/350 D)