

81	APPARATUS	127	.....Circumvallate flues
82	.Systems	128	....Inclined
83	..Portably mounted	129	.....With fluid injection
84	..Separatory and thermolytic	130	.....With regenerator or recuperator
85	..Thermolytic and autothermic	131	.....Rotary
86	...Retort and kiln	132	.....Gas bench
87	....Retort heated by combustion	133	....Horizontal
88	...Kiln and directly heated chamber	134	.....With fluid injection to retort
89	....Interchangeable	135	.....Plural gas and/or air admission
90	....Chamber externally heated	136	.....Rotary
91	..Autothermic	137	.....With heating chamber
92	...Open kiln	138	.....With flues
93	...Closed kiln	139	.....Vertical
94	....With steam generator	140	.....With recuperators
95	....With residue quencher or cooler	141	.....With reversible regenerators
96	..Thermolytic	142	.....Alternatively poor and/or rich gas fuel
97	...Stalls	143	.....Regenerators reversing along the system
98	....Tunnels	144	.....Regenerators reversing across the system
99	...Directly heated chamber	145	.....Horizontal
100	....Rotary chamber	146	.....With regenerators
101	...Dome ovens	147	.....Gas bench
102	...Hearths	148	.....With recuperator
103	....Distilland transferring	149	.....With fluid injection
104	.....Vertical series	150	....Preheating
105	...Retort	151	....Combustion control devices
106	....With steam generation	152	..Separatory
107	....With digester	153	...Still and column
108	....With direct heating	154	....Plural columns
109	....With cyclic volatile circulation	155	....Plural stills
110	....With distilland pressure	156	.....Parallel
111	....With recuperators and regenerators	158	...Column
112	....With distillate fixing chamber	159	....With preheater
113	....Plural	160	....Automatic temperature and/or pressure control
114	.....Common heating furnace	161	....Partial reflux condenser
115	.....Annularly arranged	162	....Vapor-element by-pass
116	.....Vertical and horizontal or inclined	163	...Still
117	....Conveying	164	....Recovery from containers
118	.....Screw	165	....Still and stove
119	.....Reciprocating	166	....Still and stand boiler
120	....Vertical	167	....Still and feed-water heater
121	.....With fluid injection	168	....Still and extractor
122	.....With recuperator	169	.....Continuous extraction
123	.....With regenerator	170	....Still extractor
124	.....With heating chamber	172	....Plural
125	.....Alternate reverse flow flues	173	.....Series
126	.....Vertical flues		

174	.....Multiple effect	214	....Bottom discharge
175	....With agitator	215	...Directly heated chamber
176	....With distilland treating devices	216	....Rotary
177	.....Preheater	217	...Retort
178	.....Straining	218	....Rotary and/or tilting
179	.....Dephlegmating	219	....Molten bath
180	.....Condensing	220	....Flued
181	.....Level control	221	....Vertical
182	....With vapor-treating devices	222	....Structural features
183	.....Still and absorber	223	.....Wall
184	.....Still absorber	224	.....Shields
185.1	.....Condenser	225	.....Cores
185.2	.....Direct contact	226	....Residue treatment
185.3	.....Air condensers	227	...Quencher
185.4	.....Circulating coolant in cap or top closure	228	....Gas or vapor circulating
185.5	.....Helical coil for vapor stream	229	....Submersible chamber
185.6	.....Helical coil for coolant	230	....Conveyer type
186	.....Plural	232	..Separatory
187	.....Concentric with still	233	...Still
188	.....Still supporting	234	....Directly and indirectly heated
189	.....Still supported	235	....Directly heated
190	.....Cap (or closure)	236	....Indirectly heated
191	.....Jacketed	237	....Spray forming and filming
192	.....Still feeding	238	....Tubular
193	.....Distilland-level control	239	....Rotary and/or tiltable
194	.....Still feeding	241	..Elements
195	.....Still feeding	242	..Cleaning and decarbonizing
196	.....Distilland-level control	243	..Closures
197	....With separator	244	...Fluid cooled
198	.....Dephlegmator	245	...Dome ovens
199	.....Doubler	246	....Tunnel heads and lids
200	.....Filter	247	....Removable
201	.....Aerator	248	....Hinged
202	....With condensate-treating devices	249	...Horizontal retort
203	.....Aeration	250	....Coke-oven type
204	.....Decanter	251	....Rotary retort
205	....Vacuum	252	...Top
206	....Automatic heat control	253	....Charging
	..Types	254	...Bottom
	..Separatory and thermolytic	255	....Cooling or quenching
207	...Stump stills	256	..Offtakes
208	...Directly heated chamber	257	...Dip pipes and mains
209	...Still retort	258	....Valved
	..Autothermic	259	...Plural
210	...Heap	260	...Valved
211	...Kiln	261	...Jacketed
212	....Arched	262	...Cooled
213	....Partable and/or knockdown	263	...Residue oftakes
		264	..Feeding and discharging
		265	...Smoke escapes
			..Foam control
			..Agitating

- 266 ..Distilland supports and
containers
- 267.1 ..Materials of construction
- 267.2 ...Corrugated walls
- 268 ..Expansion provisions
- 269 ..Air and gas seals
- 270 .Accessories and details

FOREIGN ART COLLECTIONS

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**

DIGESTS

DIG 1 **SCALE PROBLEMS DIGEST**

