

U. S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

CLASSIFICATION ORDER 1851

OCTOBER 4, 2005

Project No. Z-6889

The following classification changes will be effected by this order:

	<u>Class</u>	<u>Subclass</u>	<u>Art Unit</u>	<u>Ex'r Search Room No.</u>
Abolished:	440	Cross-Reference Art Collections 900	3617	ELEL0000

The following classes are also impacted by this order.

Classes: None

This order includes the following:

A. CLASSIFICATION MANUAL CHANGES

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Project No. Z-6889

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Project Classifier:	Joseph Falk
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OCTOBER 2005

1	MEANS TO CONTROL THE SUPPLY OF ENERGY RESPONSIVE TO A SENSED CONDITION	27	..Plural-crank type
2	WITH INDICATOR	28	..Having flexible drive shaft
3	DIVERSE ENGINE MEANS	29	..Having endless drive member
4	PLURAL ENGINES WITH SINGLE PROPELLING MEANS	30	...Chain and sprocket
5	HYDRAULIC FLUID DRIVE FOR PROPELLING MEANS	31	..Including gear means
6	ELECTRIC DRIVE FOR PROPELLING MEANS	32	.Lever with connecting linkage
7	.With foot control	33	TOWING
8	WIND DRIVEN MOTORS	34	.Cable system
9	WAVE POWERED PROPELLING MEANS	35	.Track system
10	.By oscillating weight	36	.Ground wheel or polder
11	POWERED FROM LAND VEHICLE SUPPORTED BY VESSEL	37	AIR PROPELLED BOAT
12	.Land vehicle is two-wheel type	38	JET DRIVE
12.5	SELF-PROPELLED VEHICLE HAVING LAND AND WATER PROPULSION MEANS (E.G., AMPHIBIOUS VEHICLE)	39	.Auxiliary use of propulsive fluid
12.51	.Having separated propulsion means for land and water	40	.Direction control for fluid jet
12.52	..Propulsion means moveable to stowed position	41	..With bucket or clamshell-type reversing means
12.53	...Water propulsion means is moveable	42	..Pivoted outlet
12.54	....And land propulsion means is moveable	43	..Pivoted vane
12.55	..Operator powered drive for propulsion means	44	.Propulsion fluid is pressurized gas
12.56	..Flexible endless track propulsion means	45	..Produced by combustion
12.57	..Motor driven screw propeller shaft	46	.Having means to prevent clogging
12.58	...By flexible endless member (e.g., belt, chain)	47	.Having means to increase fluid drive means efficiency
12.59	...By gearing	48	HELICAL SCREW
12.6	....Bevel gearing	49	SCREW PROPELLER
12.61	....Spur gearing	50	.Variable pitch
12.62	.Operator powered drive for propulsion means	51	.Combined with rudder
12.63	.Flexible endless track propulsion means	52	.With vibration dampening
12.64	..Driven by sprocket-type wheel	53	.With means effecting or facilitating movement of propulsion unit or a segment of the propulsion unit (e.g., tilting or steering)
12.65	.Helical screw propulsion means	54	..With means limited to vertical movement within hull cavity
12.66	.Wheel-type propulsion means	55	..Having restraining means
12.67	..Drum type	56	...With releasing means when propulsion unit hits obstruction
12.68	..Having integral spoke and propelling blade means	57	..Having gimbal or universal joint support
12.69	..Having propelling blade extending from side of wheel	58	..Having toothed or threaded member to move propulsion unit or a segment of the propulsion unit
12.7	..Having peripherally mounted cleat means	59	...Screw type
13	OSCILLATING PROPELLING MEANS	60	...Rack and pinion
14	.Fishtail motion propelling means	61 R	..Having fluid motor to move propulsion unit or a segment of the propulsion unit
15	..Flexible	61 S	...Steering
16	.Moving wave propeller	61 A	....Control valve
17	.Having nonpropelling cycle segment	61 B	....Flexible or pliant member assisted by fluid motor
18	..Piston and cylinder	61 C	....Working cylinder traveling along rod
19	..With means to move propelling element to nonpropelling position	61 T	...Tilt and/or trim
20	..With reversing means	61 D	....Having integral pump, cylinder, motor, reservoir located together
21	OPERATOR POWERED DRIVE FOR PROPELLING MEANS	61 E	...And linear lift
22	.Rocking watercraft	61 F	....Working with pivoting linkage to effect movement
23	.Fluid pump		
24	.Having reciprocating pull cable		
25	.Sliding handle or pedal		
26	.Rotary cranking arm		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

OCTOBER 2005

	SCREW PROPELLER	89 A	..Through hub outlet
	.With means effecting or facilitating movement of propulsion unit or a segment of the propulsion unit (e.g., tilting or steering)	89 B	..Water cooling exhaust
	..Having fluid motor to move propulsion unit or a segment of the propulsion unit	89 C	...Jackets for pipe, exhaust manifold or expansion chamber
	...Tilt and/or trim	89 D	...Within drive shaft housing
61 G	...With hydraulic control valve or electrical control circuit	89 E	..Preventing reverse flow of exhaust
61 H	....And separate fluid motor for trim	89 F	..Watertrap
61 J	....And separate fluid motor for trim	89 G	..High and low speed exhaust pressure relief or outlet location condition responsive
62	..Having pliant member to move propulsion unit or a segment of the propulsion unit	89 H	..Treating exhaust with a catalyst
63	..Having link or lever to move propulsion unit or a segment of the propulsion unit	89 J	..Silencer, expansion chamber, muffler
64	..Having shaft with releasable coupling	90	PADDLE WHEEL
65	..With means to lift propeller when an obstruction is hit	91	.Having means to reposition paddle wheel assembly
66	..Having means to control flow around propeller	92	.Having means to retract paddle or change paddle attitude
67	..Nozzle (Kort-Type)	93	..Having means to provide cyclic change of paddle attitude (e.g., Voith Schneider)
68	..Hull channel	94	UPRIGHT REMAINING ORBITING PADDLES
69	...With open bottom	95	FLEXIBLE ENDLESS PROPELLING MEANS
70	..Hull concavity	96	.With paddle
71	.Propeller guard	97	..Foldable or retractable to nonpropelling position
72	..Cage or screen	98	BUOYANT PROPELLING MEANS
73	.Self-clearing	99	.Rotating outer hull
74	.Shaft braking or locking	100	.Wheellike
75	.Having transmission	101	OAR OR PADDLE
76	.Propulsion unit casing	102	.Articulated sectional oar or paddle
77	..Cowl	103	..Having gear
78	..Propeller shaft housing	104	.Support
79	.Propeller arrangement	105	..Having outrigger
80	..Tandem	106	..Oarlock
81	...On single shaft	107	...Having oar shaft restraining means
82	..Supporting strut	108	...Separate mounting means
83	.Shafting	109	....Socket type
84	ENGINE, MOTOR, OR TRANSMISSION CONTROL MEANS	110	..Having guard for oar
85	.For starter means	111	INBOARD ENGINE MOUNT
86	.For transmission	112	.Having thru-hull sealing means
87	.For engine speed	113	MISCELLANEOUS
88 R	MEANS FOR ACCOMODATING OR MOVING ENGINE FLUIDS		*****
88 A	.Air intake for engine		FOREIGN ART COLLECTION
88 F	.Fuel for engine		*****
88 L	.Lubricant for engine		FOR 000 CLASS-RELATED FOREIGN DOCUMENTS
88 C	.Cooling for engine		
88 D	..Auxiliary use of cooling fluid		
88 G	...Water cooling exhaust		
88 J	....Jackets for pipe, exhaust manifold or expansion chamber		
88 K	....Within drive shaft housing		
88 M	..Cooling water intake		
88 N	..Engine flushing, purging, draining or winterizing equipment		
88 HE	..Heat exchanger		
88 P	..Pump		
88 T	..Tell-tale outlet		
89 R	.Means for handling exhaust gas		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

D. CHANGES TO THE DEFINITIONS (Project No. E-6889)

CLASS 440: MARINE PROPULSION

Delete:

The entire Cross-Reference Art Collection section, including the title CROSS-REFERENCE ART COLLECTIONS, and CRAC 900 and its definition.