[CLAIMS]

[Claim 1]

An apparatus for reducing fluid resistance of a ship, the apparatus comprising:

a fluid flow guide plate (50) which has a modified V-shape or U-shape whose two sides are installed at a predetermined gap so that, at an outer bottom portion of a hull (10) of the ship (100) that includes a propeller (11) disposed on a stern (10b), a fluid transfer passage (53) is formed in a shape that surrounds the shape of the hull (10);

a fluid inlet (51) of the fluid flow guide plate (50) that is formed at the bow (10a) side of the hull (10) and formed to protrude in a direction in which the ship proceeds;

a fluid outlet (52) of the fluid flow guide plate (50) that is formed at the stern (10b) side of the hull (10); and

the fluid transfer passage (53) configured to connect the fluid inlet (51) and the fluid outlet (52), the fluid transfer passage (53) being formed at the two sides (10c) of the hull (10) and a bottom (10d) between the two sides (10c) of the hull (10), and

wherein the fluid outlet (52) has a shape in which an inner diameter is reduced due to arc-shaped curved plates (52a) added to entirely surround the propeller (11) and to face an inner side of the fluid flow guide plate (50) and which progressively expands toward an end to reach the same size as the fluid inlet (51), and the propeller (11) is installed in the reduced inner diameter portion so that seawater forcibly introduced due to a rotational force of the propeller (11) is

promptly discharged due to the fluid outlet progressively expanding toward the tail end to reach the same size as the fluid inlet (51).