

LOW WEAR RADIAL FLOW IMPELLER DEVICE AND SYSTEM

ABSTRACT

A radial impeller includes a hub, a disk, and a plurality of blades. The disk is affixed to the hub. The disk has a disk plane defined by the disk. Each blade of the plurality of blades is affixed to the disk. Each blade includes a “C” shaped body portion and an upper and lower horizontal extension. The upper horizontal extension extends along an upper plane parallel to the disk plane. The lower horizontal extension extends along a lower plane parallel to the disk plane.

Figure 1