Dr. Maqbool’s Patent

United States Patent with patent number US 9,515,447 B2 has been issued to Dr. Muhammad Maqbool, Associate Professor of Physics & Astronomy at Ball State University, for his invention of a Titanium doped amorphous aluminum nitride microlaser. This is the smallest microlaser on optical fibers obtained. It’s an infrared (invisible) laser with wavelength 780.5 nm. It’s a ring shaped laser emitting invisible laser in a ring shape around an optical fiber that holds the lasing material. This laser, once available commercially, can be useful for security systems, night vision technology, destroying tumor (cancer), optical devices and many other applications. The co-inventor of this invention is Kyle Main who was an undergraduate student of Dr. Maqbool.