

Fractus Antennas products and solutions are covered by one or more of the following patents and patent applications.

Title	Patent applications & patent numbers
Distributed antenna system robust to human body loading effects	US9007275 (B2) ; US14/635568 (A1)
Wireless device including a multiband antenna system	US9130267 (B2) ; US15/331390 (A1)
Antennaless wireless device	US8203492 (B2) ; US9130259 (B2) ; US9276307 (B2) ; US9761944 (B2) ; US15/670872 (A1)
Antennaless wireless device capable of multiband operation	CN102084542 (B2) ; EP09777590.2 (A1) ; US8237615 (B2) ; US8736497 (B2) ; US9350070 (B2) ; US15131920 (A1)
Antennaless wireless device comprising one or more bodies	US9147929 (B2)
Antennaless wireless device capable of multiband MIMO operation	CN103155276 (B2); US9112284 (B2); US8952855 (B2) ; US15/266085 (A1)
Compact Radiating Array for Wireless Handheld or Portable Devices	US9577325 (B2) ; US15/415586 (A1)
Concentrated antennaless wireless device providing operability in multiple frequency regions	CN104798251 (A1) ; EP13753587.8 (A1) ; US9379443 (B2) ; US15/608461 (A1)
Wireless handheld devices, radiation systems and manufacturing methods	CN104508905 (B2) ; EP13762997.8 (A1) ; US9331389 (B2) ; US15/093513 (A1)
Scattered virtual antenna technology for wireless devices	US14/308175 (A1)
Slim booster bars for electronic devices	EP15177826.3 (A1) ; US14/807449 (A1) ; CN201580041769.0 (A1)
Wireless device using an array of ground plane boosters for multiband operation	EP16162691.6 (A1) ; US15/081467 (A1)
Coupled antenna system for multiband operation	US14/878520 (A1)
Smart VAT - Wireless device	US15/404969 (A1)
Metal frame	US15/411414 (A1)
Multi-structure antenna for multiband operation	US15/415557 (A1)
Wireless device with a defected ground plane structure	US15/422044 (A1)
Wireless Device Including Optimized Antenna System on Metal Frame	US15/434960 (A1)
Ground plane booster antenna technology for wearable devices	US15/499551 (A1)
Wireless device and antenna system with extended bandwidth	US15/621792 (A1)
Miniature Sharkfin wireless device with a shape ground plane	US15/422044 (A1)
Virtual Antenna solution for wearable devices	US15/499551 (A1)
Modular multi-stage antenna system and component for wireless communications	US62/529032