



## MALYSH VITALY

Patent Attorney

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Vitaly Malysh is a patent attorney at Papula-Nevinpat and a member of our company's Legal Team Russia.

Vitaly has a Master of Science in electronics and microelectronics from St. Petersburg State Polytechnical University, and a Doctor of Philosophy in the physics of semiconductors from the A.F. Ioffe Physical Technical Institute. He has written articles in international scientific journals, and has been awarded for his research.

Vitaly moved from the scientific field to intellectual property in 2010, as he began working as a patent attorney in a large Russian intellectual property firm. In 2018 he joined our team at Papula-Nevinpat, and his main responsibilities now include drafting patent applications, preparing responses and commentaries to office actions, appealing against office decisions, carrying out prior art searches, as well as translating different types of patent documents from Russian into English.

### Technical fields

- Artificial intelligence
- Computational engineering
- Electrical engineering
- Electronics
- IT and software
- Material science
- Measuring technology
- Mechanical engineering
- Mobile communications
- Nanotechnology
- Optics
- Physics
- Power electronics
- Power systems
- Radio technology
- Semiconductors
- Telecommunications and ICT

### Languages

Russian (native), English

### Education

Doctor of Philosophy in Physics of Semiconductors, A.F. Ioffe Physical Technical Institute, 2015

### Core expertise

5G, Analog electronics, Antennas, Carbon nanotubes, Coding, Crystal growth, Diffractive optics, Digital electronics, Encryption, General electrical engineering, Graphene, High-voltage technology, Infrared imaging, Light detectors, Luminaires, Machine learning, Medical electronics, MEMS, Microelectronics, Mobile phones, Nanoelectronics, Nanostructures, Networks, Optics, Optoelectronics, Photonics, Polymer machining tools, Polymers, Power transmission, Power units, Processors, Quantum computers, Quantum machines, Renewable energy, RF electronics, RF technology, Sensors, Software, Solar cells, Superconductors, Wearable electronics, Wearable or implantable electronics, Wireless networks