



## **PADTEC HOLDING S.A.**

### **PRESS RELEASE**

#### **Padtec obtains three new invention patents**

Campinas, São Paulo, April 25th, 2022 - PADTEC HOLDING S.A. (B3: PDTC3) ("Padtec" or "Company") announces that its subsidiary Padtec S.A., a leading manufacturer of optical transport systems, has just obtained the registration of three new invention patents at INPI – the Brazilian National Institute of Intellectual Property. As a result, the Company now holds six registered patents out of more than 15 applications, many of them in partnership with Unicamp (the University of Campinas) or Fundação CPQD.

Two of the most recently granted invention patents present methods of hardware implementation of the error correcting codes of Recommendation G.975.1 (Forward Error Correction for High Bit-Rate DWDM Submarine Systems) of the ITU-T – the section of the International Telecommunications Union responsible for coordinating related industry standards - with an efficient architecture, low latency and efficient use of logic circuits. The third patented invention is used in digital electronic circuits with multiple clock sources, for different applications in telecommunication networks.

With a portfolio that includes products for high-performance optical communication systems and services for communication networks, the Company always seeks to be at the forefront of innovation. In 2021, Padtec invested R\$ 43.6 million in research and development, equivalent to 13% of its annual revenue.

The inspiration to innovate is the result of Padtec's own business dynamics and the demands presented by each one of its clients. More than 140 employees are part of the Company's research and development team - in the areas of software, hardware, product engineering, testing and quality and project management. In addition, the partnerships established with universities and research centers contribute to expand and diversify the range of technological innovations that sustain the continued success of the Company's customers.

#### **About Padtec ([www.padtec.com.br](http://www.padtec.com.br))**

*Padtec is a global provider of flexible and high-capacity optical transport solutions based on DWDM technology. Padtec offers an extensive product portfolio for corporate access, DCI, metropolitan and regional networks and multi-terabit long-distance networks, which meets the end-to-end demands – in transport, optical amplification and route protection – of operators, integrators, carrier of carriers, utilities and service providers. Padtec's service unit is involved in the deployment, operation and maintenance of systems and in optical network management. With a strong focus on research and development, Padtec's, pioneering technology spans long distances and challenges boundaries to connect the world intelligently.*