

## Presse Press

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### **Osram and Nichia announce to expand IP co-operation**

**Osram and Nichia emphasize the significance of intellectual property (IP) in their business fields and announce their intention to expand the license co-operation.**

OSRAM GmbH and Nichia Corporation have entered into patent cross license agreements in 2002 and 2010. As a result, both companies are allowed to use each other's patents licensed under the respective agreement in its own nitride-based semiconductor products such as blue, green, and white LED and laser components. Aldo Kamper, CEO of Osram Opto Semiconductors, and Hiroyoshi Ogawa, President of Nichia Corporation met at the light+building in Frankfurt, Germany, and expressed their wish to expand and strengthen the license co-operation.

Hiroyoshi Ogawa and Aldo Kamper share the view that much has happened in this industry since the companies signed the last license agreement in 2010. Aldo Kamper said "To further advance LED and laser technology, Nichia and Osram have spent, in total, more than 2.5 billion Euros in research and development since 2011." The two companies now agree to enter into negotiations of a cross license covering approximately 7000 new patent applications including approximately 2000 granted patents from Nichia and Osram (all figures are worldwide figures), covering Automotive, General Lighting, LCD backlights, Display, Medical and Industrial applications and full range of opto-electronics products.

"On all levels of the value chain from semiconductor epitaxy to phosphor material, packaging and further downstream technologies, significant progress has been made in the past eight years and protected by a variety of new patents on both sides", said Hiroyoshi Ogawa. In order to capture their technological achievements in all existing as well as emerging application areas for opto-electronics products and technologies, Osram and Nichia will discuss a cross license that will cover the many additional patents

based on post-2010 inventions. Aldo Kamper added: “I fully share this view. As a consequence, our companies will be able to leverage each other’s technological advancements, while both companies’ customers will benefit from an industry leading protection in IP related matters”.

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**ABOUT OSRAM**

OSRAM, based in Munich, is a leading global high-tech company with a history dating back more than 110 years. Primarily focused on semiconductor-based technologies, our products are used in highly diverse applications ranging from virtual reality to autonomous driving and from smartphones to smart and connected lighting solutions in buildings and cities. OSRAM uses the endless possibilities of light to improve the quality of life for individuals and communities. OSRAM’s innovations enable people all over the world not only to see better, but also to communicate, travel, work and live better. OSRAM has approximately 26,400 employees worldwide as of end of fiscal 2017 (September 30) and generated revenue of more than €4.1 billion. The company is listed on the stock exchanges in Frankfurt and Munich (ISIN: DE000LED4000; WKN: LED 400; trading symbol: OSR). Additional information can be found at [www.osram.com](http://www.osram.com).