



## NuRAN Successfully Files 5G International Process Patent Application

Quebec, QC, Canada, February 15<sup>th</sup>, 2017 - NuRAN Wireless Inc. (“NuRAN Wireless” or the “Company”) (CSE: NUR) (OTC:NRRWF) is pleased to announce that it has successfully filed an international patent application on Efficient Massive MIMO Processing Technique for 5G. NuRAN filed the international patent application under the Patent Cooperation Treaty (“PCT”). The application has received a very favorable opinion including a statement that all claims of the application are considered to meet the PCT requirements regarding novelty, inventive step and industrial applicability.

The favourable opinion will be provided to the patent Examiners in all countries where Nuran will pursue the patent application. The company believes that based on this important milestone, the prospects of receiving a favourable patent application in strategically targeted countries are excellent.

5th generation mobile networks or 5th generation wireless systems, abbreviated as 5G, are the proposed next telecommunications standards beyond the current [4G/IMT-Advanced](#) standards. Rather than faster peak Internet connection speeds, 5G planning aims at higher capacity than current 4G, allowing higher number of [mobile broadband](#) users per area unit, and allowing consumption of higher or unlimited data quantities in gigabyte per month and user. This would make it feasible for a large portion of the population to stream high-definition media many hours per day with their mobile devices when Wi-Fi hotspots are not available. 5G research and development also aims at improved support of [Device-to-device](#) communication, aiming at lower cost, lower latency than 4G equipment and lower battery consumption, for better implementation of the [Internet of things](#).

“We are very pleased with this recent development. NuRAN, through its wholly owned subsidiary, Nutaq Innovations, is at the forefront of the next wave in wireless. Massive MIMO technology have been identified as the most influential and disruptive technologies for 5G. This successful and important first step further demonstrates our ability to be at the cutting edge of 5G wireless development and is further evidence of the sophistication and quality of our work for our fortune 500 clients as well as our own internally developed and marketed products for connecting the billion” states Martin Bedard, Co-CEO & Co-President of NuRAN Wireless.

The Patent Cooperation Treaty is an international patent law [treaty](#). It provides a unified procedure for filing [patent applications](#) to protect [inventions](#) in each of its contracting states. A patent application filed under the PCT is called an international application, or PCT application.

A single filing of a PCT application is made with a Receiving Office (RO) in one language. It then results in a [search](#) performed by an International Searching Authority (ISA), accompanied by a written opinion regarding the [patentability](#) of the invention, which is the subject of the application. It is optionally followed by a preliminary examination, performed by an International Preliminary Examining Authority (IPEA). Finally, the relevant national or regional authorities administer matters related to the examination of application (if provided by national law) and issuance of patent.

A PCT application does not itself result in the grant of a patent, since there is no such thing as an "international patent", and the grant of patent is a prerogative of each national or regional authority. In other words, a PCT application, which establishes a filing date in all contracting states, must be followed up with the step of entering into national or regional phases to proceed towards grant of one or more patents. The PCT procedure essentially leads to a standard national or regional patent application, which may be granted or rejected according to applicable law, in each jurisdiction in which a patent is desired.

## **About NuRAN Wireless**

NuRAN Wireless, with its wholly owned subsidiary Nutaq Innovation, is a leading supplier of mobile and broadband wireless solutions. Its innovative GSM, LTE, and White Space radio access network (RAN) and backhaul products dramatically drop the total cost of ownership, thereby creating new opportunities for mobile network operators and internet service providers.

The Company provides a variety of specialist systems for indoor coverage, rural and urban connectivity in emerging markets, connectivity to offshore platforms and ships, and for emergency and crisis communications.

[www.nuranwireless.com](http://www.nuranwireless.com) or [www.nutaq.com](http://www.nutaq.com)

Martin Bédard and Patrice Rainville  
Co-Presidents and Co-CEOs

Tel: (418) 914-7484 Fax: (418) 914-9477  
Toll Free: 1-855-914-7484 Email: [info@nuranwireless.com](mailto:info@nuranwireless.com) ; [info@nutaq.com](mailto:info@nutaq.com)

Direct Financial Strategies and Communication  
Frank Candido  
514-969-5530 Email: [directmtl@gmail.com](mailto:directmtl@gmail.com)

No regulatory authority has approved or disapproved the information contained in this news release.

## **Forward Looking Statements**

*This press release contains forward-looking statements. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects" or "does not expect", "is expected", "estimates", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. Forward-looking*

*statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of NuRAN Wireless to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. Examples of such statements include: the Company's quest to connect the next billion; that this strategic acquisition allows Nuran to offer a complete mobile and broadband solution and the ability to secure the Nuran solution as the leader in rural and remote mobile connectivity, that the acquisition reinforces NuRAN's strategic positioning towards new and small operators by offering an end-to-end mobile small-cell network solution with the lowest Total-Cost-of-Ownership (TCO) on the market and that the acquisition will allow NuRAN the opportunity to bring cellular coverage to emerging market where the return on investment (ROI) was previously simply too low. Actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking statements contained in this press release. Such forward-looking statements are based on a number of assumptions which may prove to be incorrect, including, but not limited to: the ability of NurRAN Wireless to obtain necessary financing; general economic conditions in Canada and globally; competition for, among other things, capital and skilled personnel; our ability to hire and retain qualified employees and key management personnel; possibility that government policies or laws may change; possible disruptive effects of organizational or personnel changes; technological change, new products and standards; risks related to acquisitions and international expansion; reliance on large customers; reliance on a limited number of suppliers; risks related to the Company's competition; failure to integrate the technology and assets acquired from the Vendors and the Company's failure to adequately protect its intellectual property; interruption or failure of information technology systems and other risk factors described in the Company's reports filed on SEDAR), including its financial statements for the year ended October 31, 2015, and those referred to under the heading "Risk Factors". These forward-looking statements should not be relied upon as representing NuRAN Wireless' views as of any date subsequent to the date of this press release.*