

November 9, 2020



## PV Nano Cell Awarded Patent in Brazil

MIGDAL HA'EMEK, Israel, Nov. 09, 2020 (GLOBE NEWSWIRE) -- PV Nano Cell, Ltd. (OTCQB: [PVNMF](#)) ("PV Nano Cell" or the "Company"), an innovative provider of inkjet-based conductive digital printing solutions and producer of conductive digital inks, today announced that it has been granted a patent in Brazil, BR 11 2013 013885-8 A2, Method to Produce Concentrated Dispersions of Nanometric Particles of Silver. The allowance was published in the Brazilian Industrial Property Gazette no. 2596 in October.

This patent is part of the company's special nano silver family of patents protecting its products and technologies. PV Nano Cell is leveraging its technologies and products development to provide a complete solution enabling customers to fully realize the potential of inkjet based electronics printing for mass production applications. The company's proven solution includes its proprietary Sicrys™, silver-based conductive inks, inkjet production printers and the complete printing process.

PV Nano Cell's Chief Executive Officer, Dr. Fernando de la Vega, commented, "Our mass-production digital printed electronics solutions address customers' needs for agile innovation and optimized manufacturing. The basis of our solutions offering is continuous investment in innovative products and technological developments that are well protected by a strong IP framework. The silver and copper single crystal nano particles that are protected by these granted patents, guarantee we offer the conductive digital printing market the best performance and most affordable products. Our line of inks products offers one year of shelf life and stability without agglomeration or sedimentation. This unique quality, along with high concentration of silver, low viscosity and other properties make our inks best suited for mass-production inkjet based conductive printing."

PV Nano Cell's Chief of Business Development Officer, Mr. Hanan Markovich commented, "This recent granted patent serves our technology strategy and roadmap where we build a strong and wide product line of dispersions, silver, copper, gold, dielectric and resistor inks. Such a broad offering enables us to expand the business and serve multiple markets such as the automotive glass, solar, sensors, high-end electronics and embedded passive components. Most important, we receive excellent feedback from customers that support our product strategy and find it of great value to their business."

As published in October 2019, PV Nano Cell has been granted two additional patents, a patent in Israel numbered 226665 and a patent in Europe numbered EP3113897 with a grant date of October 9, 2019.

### **PV Nano Cell, Ltd.**

PV Nano Cell (PVN) offers the first-ever complete solution for mass-produced inkjet based, printed electronics. The proven solution includes PVN's proprietary Sicrys™, silver-based conductive inks, inkjet production printers and the complete printing process. The process includes ink properties' optimization, printer's parameters setup, printing modifications &

tailored printing instructions per application. In the heart of PVN's value proposition lies its unique and patented conductive silver and copper inks - Sicrys™. Those are the only inks made of Single Nano Crystals – which allows the inks to have the highest stability and throughput required to drive optimal mass-production results for wide range of applications. PVN's solutions are used all over the world in a range of digital printing applications including: automotive, photovoltaics, printed circuit boards, flexible printed circuits, antennas, sensors, heaters, touchscreens and other. For more information, please visit <http://www.pvnanocell.com/>

## **Forward-Looking Statements**

*This press release contains forward-looking statements. The words or phrases "would be," "will allow," "intends to," "will likely result," "are expected to," "will continue," "is anticipated," "estimate," "project," or similar expressions are intended to identify "forward-looking statements." All information set forth in this news release, except historical and factual information, represents forward-looking statements. This includes all statements about the Company's plans, beliefs, estimates and expectations. These statements are based on current estimates and projections, which involve certain risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements. These risks and uncertainties include issues related to: rapidly changing technology and evolving standards in the industries in which the Company operates; the ability to obtain sufficient funding to continue operations, maintain adequate cash flow, profitably exploit new business, and sign new agreements. For a more detailed description of the risks and uncertainties affecting PV Nano Cell, reference is made to the Company's latest Annual Report on Form 20-F which is on file with the Securities and Exchange Commission (SEC) and the other risk factors discussed from time to time by the Company in reports filed with, or furnished to, the SEC. Except as otherwise required by law, the Company undertakes no obligation to publicly release any revisions to these forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.*

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