

**PCT LTD HAS FILED A JOINT PATENT APPLICATION WITH NANOGAS TECHNOLOGIES' (NGT) AND DAVID L. HOLCUMB ON "NANOBUBBLE DISPERSIONS GENERATED IN ELECTROCHEMICALLY ACTIVATED SOLUTIONS" (PTSI- 11-04-21)**

PCT LTD ---Little River, SC --- November 5, 2021; PCT LTD ("PCTL" OTC Pink) is excited to introduce a new patent pending technology which utilizes the synergy obtained when electrochemically activated (ECA) anolyte or catholyte manufactured by PCT's patented equipment is infused with 50 -200 nm spherical gas bubbles manufactured by NGT's patented process and equipment. Gases such as nitrogen, oxygen, etc. are used to create more stable and efficacious dispersions in the ECA solutions. This technology adds the multiple mechanical and surface energy benefits of nanobubbles to the biocidal or sanitizing properties of anolyte (Hydrolyte™). The process will also provide for a more effective bacterial control in combating a variety of corrosive bacteria in the oilfield, particularly sulfate reducing bacteria and resultant hydrogen sulfide (H<sub>2</sub>S), a corrosive and toxic gas in sour oil & gas wells.

In addition, the application of PCT's Catholyte-Free™ infused with NGT's nitrogen nanobubbles has been shown in laboratory studies to significantly improve oil recovery from porous or naturally fractured reservoirs using the combined surface energy and mechanical properties inherent to these nanobubble dispersions. Field trials being conducted in Southwest Missouri in the injectors and producers of an active waterflood project are showing similar results. Plans are being made for application on producing oil wells in Oklahoma and Texas. Continued lab and field testing is being conducted to further validate this technology and build a data base of information so this process can be packaged and marketed to the oil industry across the country.

"We have been working for over nine months in laboratory and field testing to gather the necessary data and information to file this patent. We will post an in-depth report on the value of this new process to the markets, on our website on November 17, 2021" stated CEO Gary Grieco.

**About PCT LTD:**

PCT LTD ("PCTL") focuses its business on acquiring, developing and providing sustainable, environmentally safe disinfecting, cleaning and tracking technologies. The company acquires and holds rights to innovative products and technologies, which are commercialized through its wholly-owned operating subsidiary, Paradigm Convergence Technologies Corporation (PCT Corp). The Company established entry into its target markets with commercially viable products in the United States and now continues to gain market share in the U.S. and U.K.

**Forward-Looking Statements:**

This press release contains "forward-looking statements" as defined in Section 27A of the Securities Act of 1933, as amended, and Section 21B of the Securities Exchange Act of 1934, as amended. Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans,

projections, objectives, goals, assumptions or future events or performance are not statements of historical fact and may be "forward-looking statements."

Such statements are based on expectations, estimates and projections at the time the statements are made that involve a number of risks and uncertainties, which could cause actual results or events to differ materially from those presently anticipated. Such statements involve risks and uncertainties, including but not limited to: PCTL's ability to raise sufficient funds to satisfy its working capital requirements; the ability of PCTL to execute its business plan; the anticipated results of business contracts with regard to revenue; and any other effects resulting from the information disclosed above; risks and effects of legal and administrative proceedings and government regulation; future financial and operational results; competition; general economic conditions; and the ability to manage and continue growth. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual outcomes may vary materially from those indicated. Important factors that could cause actual results to differ materially from the forward-looking statements PCTL makes in this press release include market conditions and those set forth in reports or documents it files from time to time with the SEC. PCTL undertakes no obligation to revise or update such statements to reflect current events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

### **Investor Relations Contact**

Michael Iorlano

(760) 621-0062

Mike@MountaintopMedia.net

or

[IR@para-con.com](mailto:IR@para-con.com)

[www.para-con.com](http://www.para-con.com)

[www.pctcorphealth.com](http://www.pctcorphealth.com)

Twitter: <https://mobile.twitter.com/PCTL>