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President and CEO

ParkerVision Announces Breakthrough in Wireless Radio Frequency Technology

Company Invents the First Universal Direct Conversion Receiver IC's

Low Cost/High Performance RF Receiver Chips Now Available

ParkerVision today announced a major breakthrough in wireless radio frequency (RF) technology that has the potential to revolutionize wireless electronics by obsoleting many of the techniques and associated circuitry commonly employed in today's RF receivers. The Company now intends to market this new technology that dramatically simplifies wireless electronics while delivering high performance results at a very low cost. The technology creates a new category of RF receiver which the Company calls the Universal Direct Conversion Receiver and which the Company feels to be the long-awaited building block for creating the next generation of RF electronics.

The Company feels the technology will be broadly utilized in applications for both digital and analog data transmission. Some of the wide range of products that the Company feels will benefit from this technology are cordless telephones--both home and PCS/cellular, pagers, garage door openers, toys, security systems, user input devices and peripherals for consumer electronics and personal computers, walkie/talkies, microphones, speakers, audio monitors, intercoms, local and wide area networks, utility meter reading, smart cards, identification tagging, and others.

The performance of the ParkerVision Universal Direct Conversion Receiver is unique as it supports broadly deployed transmitter communication formats and transmitter frequencies from 1 Megahertz (Mhz) to 1Gigahertz (Ghz). The first generation of the technology has been incorporated into an integrated circuit (IC) which has been code named "Eddie". Unlike current receiver technology, ParkerVision's technology creates a receiver IC that can be used across a broad range of applications. Eddie efficiently receives most types of RF transmissions and processes it down to an optimized baseband signal in a single step with miniscule distortion.

Jeffrey Parker CEO stated, "We believe our years of investment to develop this technology will prove to have been the proper strategy as ParkerVision emerges as a significant influence in the high growth wireless industry. Now that we have completed the first generation of our wireless technology, we are looking forward to working with the many product companies that can benefit from this revolutionary breakthrough. We plan to establish mutually beneficial partnerships and to be a genuinely valuable resource for those in the wireless products business. We will do this through product development relationships and licensing agreements."

Mr. Parker further commented, "We are certain that there are also many new wireless architectures that our technology now makes possible. For example, with our Universal Direct Conversion Receiver technology we created a very low cost FM data link that can move megabits of digital data and has over 100 times (20db) more interference rejection than a traditional FM link, yet costs much less. This kind of reliability and low cost is lacking in today's RF electronics. In addition to the benefits that can be derived from applying our technology to traditional wireless products, our goal is to help create new and unique products and systems in concert with those visionaries who have been waiting for the breakthroughs that our technology represents, and together raise the standards by which RF products are judged."

The Company said that Eddie, which is currently available, receives and processes any frequency from 1 Mhz to 1 Ghz, consumes less than 10 mA of power, passes signal bandwidths up to 3 Mhz, provides excellent signal to noise allowing for high gain / high sensitivity, and costs a fraction of the current RF electronics that Eddie replaces.

CTO, David Sorrells, commented, "The technology specifications for our Universal Direct Conversion Receiver reads like the wish list of RF and wireless product designers, which we believe will assure its acceptance in a wide range of products and applications. What motivated us to develop the technology were the years that we spent struggling with the many mutually exclusive goals imposed by traditional RF electronics. Strive for low cost and you dramatically compromise performance and quality. Traditional RF design and manufacturing complexity far exceeded any of the other electrical engineering disciplines we worked with. We knew there just had to be a better way."

Mr. Sorrells further commented, "We feel the cost of implementing our technology will be a significant savings over what is currently available, and will significantly shorten design times. In almost all circumstances, performance will increase while cost, size, and power consumption will decrease. In fact, we feel our technology to be the first clear path to high performance / low cost, complete RF receiver and transceiver integration. The technology can be implemented in a number of IC foundry processes making it a natural to combine with currently available IC's such as microprocessors, digital signal processors, and application specific circuits."

ParkerVision also announced that it is already working on feature enhancements to Eddie. Among the advancements expected to be announced in 1998 are operational frequencies up to several Ghz, performance characteristics that far exceed any commercially available RF electronics that the company knows of, and companion system IC's.

For further information on the ParkerVision wireless RF technology or to arrange for a demonstration of Eddie, contact ParkerVision at 904-737-1367, extension 500.

ParkerVision is engaged in the design and development of wireless technology and Audio/Visual products. ParkerVision has patents pending on wireless and video technologies and has been granted patents on video technologies and systems.

This press release contains forward-looking information. Readers are cautioned not to place undue reliance on any such forward-looking statements, each of which speak only as of the date made. Such statements are subject to certain risks and uncertainties which are disclosed in the Company's SEC reports, including the form 10KSB for the year ended December 31, 1996 and the Forms 10-QSB for the quarters ended March 31, 1997, June 30, 1997, and September 30, 1997. These risks and uncertainties could cause actual results to differ materially from those presently anticipated or projected.

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