

November 21, 2003

ParkerVision ships more of its product: shares of stock.

On November 13, 2003 ParkerVision, Inc. (NASDAQ: PRKR, \$8.90) announced the private placement of 2.3 million newly issued shares of common stock for an aggregate purchase price of approximately \$20.2 million. In the press release ParkerVision refers to itself as a leader in direct conversion radio technology. ParkerVision has never earned a single dollar from sales related to the alleged wireless technology it has been promoting for 8 years without any commercial success and has lost money every year since becoming a public company in 1993.

On October 30, 1995 ParkerVision began its stock promotion based on an alleged wireless technology. On December 10, 1997 ParkerVision announced its "universal direct conversion" wireless product as a "breakthrough in wireless radio frequency technology" with "chips now available." In spite of several product development agreements that ParkerVision announced, no commercially successful product has ever incorporated ParkerVision's "revolutionary" direct conversion technology.

ParkerVision has repeatedly made false claims about its ability to successfully bring to market products that use its wireless technology and earn revenues from its wireless technology (click here to see Table I: Chronology of selected wireless technology claims and announcements).

When ParkerVision began promoting its direct conversion technology in 1997 the market was much smaller than it is today and the technology ParkerVision was touting may have seemed interesting to investors. Today there are more than 20 makers of WLAN products. In other words, ParkerVision's "pioneering new radio technology" never developed while its alleged "revolutionary" products are now widely available and commonplace from recognizable companies. ParkerVision is an insignificant, unrecognized, would-be participant in a mature market where competition between products is based largely on price.

ParkerVision began promoting its alleged "major breakthrough" in wireless technology over 8 years ago. ParkerVision has made repeated promotional claims to continue its stock promotion. It has used its shameful wireless promotion to increase its total number of shares outstanding from 8.7 million shares in January 1995 to approximately 18 million shares including the private placement announced on November 13, 2003. During this time, ParkerVision has lost \$86 million dollars. Asensio & Company, Inc.'s research reports on ParkerVision, Inc. are available at www.asensio.com. All of our reports are covered by the terms and conditions of the mandatory user agreement located <http://www.asensio.com/TermsOfUse.aspx>. The statements below are a part of the user agreement whose entirety is incorporated herein by reference. These statements, and all of the statements contained in the mandatory user agreement, are intended to strictly limit our potential liability to you and your possible legal rights to the fullest extent of the law. Readers are advised to carefully read the entirety of the mandatory user agreement and strictly adhere to the directions given therein.

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Asensio & Company, Inc.

ParkerVision, Inc.

Table I: Chronology of selected wireless technology claims and announcements

<u>Date</u>	<u>Title of Document</u>	<u>ParkerVision Claims</u>
October 30, 1995	ParkerVision, Inc. announces completion of VTEL/ParkerVision joint product line	This offering provides application specific solutions utilizing ParkerVision's wireless technology -- for video conferencing and distance learning.
July 23, 1997	ParkerVision and IBM join forces to create wireless computer peripherals	ParkerVision, Inc. today announced that it has entered into an agreement with the IBM Corporation for the development, manufacture and marketing, under IBM's name, of wireless personal computer peripheral products utilizing ParkerVision's proprietary wireless technology.
December 10, 1997	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.
January 27, 1998	Parkervision announces existing agreement with IBM terminates.	We have a tremendous amount of interest in our technology from many companies-including some of the most recognizable names in wireless communications and products.
March 30, 1998	Form 10-K for the year ended December 31, 1997	The company also anticipates generating revenue in connection with licensing of its wireless technology during 1998.
December 31, 1998	1998 annual report	The company is also attempting to commercialize its D2D RF technology, which could result in initial product or licensing revenues in 1999.
October 13, 1999	Parkervision and Symbol Technologies sign licensing agreement	ParkerVision, Inc. today announced it has signed a licensing agreement with Symbol Technologies, Inc. for wireless local area networking (WLAN) products.
February 25, 2000	ParkerVision to enter burgeoning wireless LAN market	Enters WLAN market. Anticipates sample availability during second half of this year.
November 6, 2000	ParkerVision reports record revenue for third quarter	We are making good progress towards bringing our first commercially D2D based radio chip to market for use in the 802.11b WLAN application. Our WLAN chip is currently going through semiconductor fabrication. We expect to start shipping to customers in 2001.
February 27, 2001	ParkerVision and PrairieComm partner to develop Advanced Chipsets for cell phones	ParkerVision and PrairieComm announced they have signed a definitive agreement to jointly develop advanced chipsets and reference designs for cellular handsets and other wireless devices.
March 9, 2001	ParkerVision announces development and foundry agreement with Texas Instruments	ParkerVision announces development and foundry agreement with Texas Instruments for advanced D2D wireless RF Technology. The companies will jointly develop interfaces between ParkerVision's next generation RF transceivers based on Direct2Data D2D technology and TI's digital baseband chipsets.

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<u>Date</u>	<u>Title of Document</u>	<u>ParkerVision Claims</u>
March 20, 2001	ParkerVision Reports Fourth Quarter and Year End Results	The company completed design of a highly integrated D2D based 2.4 GHz IEEE wireless LAN transceiver, has received chips from fabrication, and expects to begin sampling chips to select prospective customers in the first half of 2001.
May 8, 2001	ParkerVision Conducts First Public Demonstration of Its Direct Conversion Technology at Networld+Interop Trade Show	ParkerVision conducts first public demonstration of its direct conversion technology at Networld+Interop trade show. The company will begin demonstrating its 802.11b platform to prospective customers by the end of June.
May 15, 2001	ParkerVision Reports First Quarter Results	While the company still derives all of its revenues from its video business, it is moving closer to generating revenues from its wireless semiconductor business as well. ParkerVision believes that it will have demonstrable D2D-based CDMA transceiver hardware completed in the first half of 2001.
March 22, 2002	ParkerVision Reports Fourth Quarter and Year End Results	". . . our PV-1000 will provide high performance benefits in a significantly lower cost, power efficient direct conversion architecture. Assuming our current product development pace, we will deliver samples for evaluation to prospective customers this summer. "
May 2, 2002	ParkerVision Reports First Quarter	We have completed the design of our first D2D based RF product, the PV-1000 802.11b wireless LAN transceiver IC, that is now being fabricated at a Texas Instruments foundry. We expect to be providing PV-1000 evaluation chips this summer to prospective customers.
July 30, 2002	ParkerVision announces successful development of the most integrated high performance wireless LAN transceiver chips currently available	Company's direct2data division begins sampling to 802.11b wireless LAN marketplace commercial launch starting now; Volume production available within 4 to 6 months
November 4, 2002	ParkerVision Direct2Data Division Announces Immediate Availability of Multi-Mode/Multi-Band 802.11a/b/g Transceivers	Samples and initial production volume quantities are available immediately.
September 30, 2003	ParkerVision Launches Wireless LAN Card Capable of One Mile Performance	Horizons wireless products are powered by D2D, a pioneering new radio technology . . .