

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David F. SORRELLS</td><td>06/12/2000</td></tr><tr><td>Michael J. BULTMAN</td><td>06/12/2000</td></tr><tr><td>Robert W. COOK</td><td>06/12/2000</td></tr><tr><td>Richard C. LOOKE</td><td>06/14/2000</td></tr><tr><td>Charley D. MOSES Jr.</td><td>06/12/2000</td></tr><tr><td>Gregory S. RAWLINS</td><td>06/13/2000</td></tr><tr><td>Michael W. RAWLINS</td><td>06/12/2000</td></tr></tbody></table>		Name	Execution Date	David F. SORRELLS	06/12/2000	Michael J. BULTMAN	06/12/2000	Robert W. COOK	06/12/2000	Richard C. LOOKE	06/14/2000	Charley D. MOSES Jr.	06/12/2000	Gregory S. RAWLINS	06/13/2000	Michael W. RAWLINS	06/12/2000
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<table border="1"><tr><td>Name:</td><td>ParkerVision, Inc.</td></tr><tr><td>Street Address:</td><td>8493 Baymeadows Way</td></tr><tr><td>City:</td><td>Jacksonville</td></tr><tr><td>State/Country:</td><td>FLORIDA</td></tr><tr><td>Postal Code:</td><td>32256</td></tr></table>		Name:	ParkerVision, Inc.	Street Address:	8493 Baymeadows Way	City:	Jacksonville	State/Country:	FLORIDA	Postal Code:	32256						
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PROPERTY NUMBERS Total: 1																	
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CORRESPONDENCE DATA																	
Fax Number: (202)371-2540 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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Email: mlee@skgf.com																	
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ATTORNEY DOCKET NUMBER:	1744.0450006																

501639423

PATENT  
REEL: 026813 FRAME: 0844

OP \$40.00 12823055

NAME OF SUBMITTER:

Michael Q. Lee

Total Attachments: 3

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## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): 1) David F. SORRELLS; 2) Michael J. BULTMAN; 3) Robert W. COOK; 4) Richard C. LOOKE; 5) Charley D. MOSES, JR.; 6) Gregory S. RAWLINS; and 7) Michael W. RAWLINS, the undersigned inventor(s) hereby sell(s) and assign(s) to ParkerVision, Inc., 8493 Baymeadows Way, Jacksonville, FL 32256 (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention(s) known as Method, System, and Apparatus for Balanced Frequency Up-Conversion of a Baseband Signal for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1) 6-12-00 2) 6-12-03 3) 6-12-04 4) 6-14-05 5) 6-12-08 6) 6-13-00 and 7) 6-12-00 (also known as United States Application No. 09/525,615, filed March 14, 2000, in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

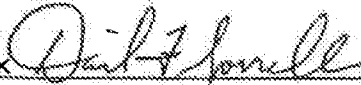
The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

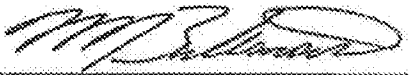
The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

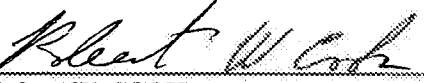
The undersigned inventor(s) hereby grant(s) Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel

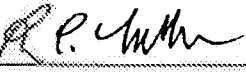
L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; Raz E. Fleshner, Esquire, Registration No. 34,331; John M. Covert, Esquire, Registration No. 38,759; and Linda E. Alcorn, Esquire, Registration No. 39,588; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: X 06/12/00 Signature of Inventor: X   
1) David F. SORRELLS

Date: X 12 June 00 Signature of Inventor: X   
2) Michael J. BULTMAN

Date: X 6/12/00 Signature of Inventor: X   
3) Robert W. COOK

Date: X June 14, 2000 Signature of Inventor: X   
4) Richard C. LOOKE

Date: X June 12 2000 Signature of Inventor: X   
5) Charley D. MOSES, Jr.

Date: X \_\_\_\_\_ Signature of Inventor: X \_\_\_\_\_  
6) Gregory S. RAWLINS

Date: X \_\_\_\_\_ Signature of Inventor: X \_\_\_\_\_  
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Date: X 4/13/00 Signature of Inventor: X [Signature]  
6) Gregory S. RAWLINS

Date: X 06/12/00 Signature of Inventor: X [Signature]  
7) Michael W. RAWLINS