03-16-2001 101640310

93 RECORDATION FORM COVER SHEET Patent and Trademark Office PATENTS ONLY				
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.				
1. Name of conveying party: (1) David F. Sorrells; (2) Michael J. Bultman; (3) Robert W. Cook; (4) Richard C. Looke; (5) Charley D. Moses, Jr.; (6) Albert S. Petrick; (7) Gregory S. Rawlings; and (8) Michael W. Rawlings. Additional name(s) of conveying party(ies) attached? □ yes ⋈ no 3. Nature of Conveyance: ☐ Merger □ Security Agreement □ Change of Name □ Other Execution Dates: (1) on Feb. 23, 2001; (2) on Feb. 19, 2001; (3) & (5) on Feb. 16, 2001; (4), (7), & (8) on Feb. 20, 2001; and (6) on Feb. 21, 2001.	2. Name and address of receiving party(ies): Name: ParkerVision, Inc. Street Address: 8493 Baymeadows Way City: Jacksonville State: Florida Zip Code: 32256 Country: USA Additional name(s) & address(es) attached? □ yes ⋈ no			
Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is				
A. Patent Application No. 09/970,831 (Attorney Docket No. 1744.0430004)	B. Patent No(s).			
Additional numbers attached?	yes ⊠ no			
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved One			
Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.	7. Total fee (37 C.F.R. § 3.41)\$ 40.00			
Internal Address: c/o Michael Q. Lee	 ■ Enclosed □ Authorized to be charged to Deposit Account 			
Street Address: 1100 New York Ave., N.W. Suite 600	8. Deposit Account Number: 19-0036			
City: Washington State: D.C. Zip Code: 20005-3934	406			
DO NOT US	E THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document. Patrick D. O'Brien Normal of Person Signing	mation is true and correct and any attached copy is a true Short 2001 Grant Date Dat			
Mail documents to be recorded with required cover sheet information to:				
Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231				

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PATENT REEL: 011581 FRAME: 0379

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), or equivalent, and other good and valuable

(\$1.00), of equivalent, and other good and valuable	
consideration paid to each of the undersigned inventors: 1) David F. Sorrells , 2) Michael J. Bultman ,	
3) Robert W. Cook , 4) Richard C. Looke , 5) Charley D. Moses, Ir 6) Albert A Petrick	
7) Gregory S. Rawlins , and 8) Michael W. Rawlins , the undersigned inventors hereby sell and	
assign to ParkerVision, Inc. (the Assignee) his/her entire right, title, and interest, including the right to sue for	
and collect for all past, present, and future damages:	
and confect for an 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 known as	
Universal Frequency Translation, Embodiments Thereof, and a Web Site and Web Pages Directed to Same	
for which an application for patent in the United States of America has been executed by the modern to	
on 1) $02-23-01$, 2) $02-19-01$, 3) $02-16-01$, 4) $02-20-01$, 5) $02-16-01$, 6) $02-26-01$, 7) $02-26-01$, 9 $02-26-0$	
5) $02 - 10 - 01$ 6) $02 = 2 \cdot (-01 - 7) \cdot 02 = 2 \cdot 0 \cdot 02 \cdot 02 \cdot 02 \cdot 02 \cdot 02 \cdot$	Pak
(also known as H.S. Application No. 00/670 031 (Au. Dl. N. 47/1008)	28A
(also known as U.S. Application No. 09/670,831 (Atty Dkt. No. 1744.0430004), filed September 28, 2000) in	3/2/
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 shows in part (c)	

(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(s) or Letters Patent(s) 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 inventors agree to execute all papers necessary in connection with the application 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 applications as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application 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 inventors hereby represent that they each have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict therewith.

Page 1 of 2

PATENT REEL: 011581 FRAME: 0380 The undersigned inventors hereby grant Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688, Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588, 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 inventors on the date(s) opposite their respective names.

Date: <u>12/23/01</u>	Signature of Inventor: And Florill	·
Date: 19 Fors 01	Signature of Inventor: Michael J. Bultman	
Date: 2/16/07	Signature of Inventor: Robert W. Cook	
Date: 2/20/d	Signature of Inventor: Richard C. Looke	
Date:	Signature of Inventor: Charley D. Moses, Jr.	
Date:	Signature of Inventor: Albert A. Petrick	
Date:	Signature of Inventor: Gregory S. Rawlins	
Date:	Signature of Inventor: Michael W. Rawlins	

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Date: _ <i>_</i>	2/23/01	Signature of Inventor:	David F. Sorrells
Date:		Signature of Inventor:	Michael J. Bultman
Date: Z	116/01	Signature of Inventor:	Robert W. Cook
Date:		Signature of Inventor:	Richard C. Looke
Date: <u>()</u>	2/16/01	Signature of Inventor:	Charley D. Mosel, Jr.
Date:		Signature of Inventor:	Albert A. Petrick
Date:	·	Signature of Inventor:	Gregory S. Rawlins
Date:		Signature of Inventor: _	Michael W. Pawline

Page 2 of 2

1744.0430004

PATENT

REEL: 011581 FRAME: 0382

The undersigned inventors hereby grant Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michael A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688, Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; and Linda E. Alcorn, Esq., Reg. No. 39,588, 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.

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Date:		Signature of Inventor: _	
			David F. Sorrells
Date:	19 For 01	Signature of Inventor:	Malmon
			Michael J. Bultman
Date:	2/16/01	Signature of Inventor:	Rubert W Cook
			Robert W. Cook
Date:	2/20/d	Signature of Inventor:	AC LAND
			Richard C. Looke
Date:		Signature of Inventor:	,
			Charley D. Moses, Jr.
	7/1		All seal in
Date:	2/2/01	Signature of Inventor:	Will High
			Albert A. Petrick
	. / /		(b) X (b)
Date:	420/01	Signature of Inventor: _	Gregory & Rawlins
.	2/20/01	Cionatura of Inventor	Mill W/
Date:	-/80/01	Signature of Inventor	Michael W Rawlins

Page 2 of 2

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