07-20-2000

Form PTO-1595)1409358
6-93 RECORDATION F	ORM COVER SHEET U.S. Department of Commerce Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks. Please record	
1. Name of conveying party(ics): (1) Alex Holtz; (2) David E. Buehnemann; (3) Gilberto Fres; (4) Harrison T.	2. Name and address of receiving party(ies):
Morrow; (7) Bradley E. Neider: (8) Loren I. Nordin, III: (9)	Name: ParkerVision, Inc.
Todd D. Parker; and (10) Robert J. Snyder.	Street Address: 8439 Baymeadows Way
	City: Jacksonville State: FL Zip Code: 32256
Additional name(s) of conveying party(ies) attached? □ yes ☒ no	Country: U.S.A.
3. Nature of Conveyance:	Additional name(s) & address(es) attached? □ yes 🛭 no
	DEGLIVE
Execution Date(s): (1) 5/16/00; (2) 5/16/00; (3) 5/15/00; (4) 5/16/00; (5) 5/15/00; (6) 5/16/00; (7) 5/16/00; (8) 5/16/00; (9) 5/16/00; and (10) 5/16/00.	JUN 2 2 2000
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application	on, the execution date of the application is
A. Patent Application No(s). 09/482,683	B. Patent No(s).
Additional numbers attached? □ y	ves □ no
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1
Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.	7. Total fee (37 C.F.R. § 3.41)\$ 40.00
	⊠ Enclosed
Internal Address: c/o Robert Sokohl	☐ 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	
11 00000247 09482683 DO NOT USE	THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing informations of the original document.	ation is true and correct and any attached copy is a true
Robert Sokohl Name of Person Signing Signature	Date
Registration No. 36,013	Total number of pages including cover sheet, attachments and document 6
OMB NO. 0651-0011 (exp.4/94)	
Mail documents to be recorded with Commissioner of Patents and T Washington.	Frademarks, Box Assignments

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07/19/2000 NTI 01\FC:581

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) Alex Holtz; 2) David E. Buehnemann; 3) Gilberto Fres; 4) Harrison T. Hickenlooper, III; 5) Charles M. Hoeppner; 6) Kevin K. Morrow; 7) Bradley E. Neider; 8) Loren J. Nordin, III; 9) Todd D. Parker; and 10) Robert J. Snyder, the undersigned inventor(s) hereby sell(s) and assign(s) to ParkerVision, Inc. (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 System And Method For Real Time Video Production And Multicasting for which application(s) for patent in the United States of America has (have) been 5/16/00 :3) 5/15/00 : 2) executed by the undersigned on 1) 5 16 00 ;7) 5/16/00 :5) 5/15/00 : 6) 5/16/60 8) 5/16/00 5/15/00 ; and 10) 5/16/00 5/16/00 ; known as United States Application No. 09/582,683, filed January 14, 2000, in any and all applications thereon, in any and all Letters Patent(s) therefor, and

RES 6/22/00

- (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

Page 1 of 2

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; Michael 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:	5/16/2005	Signature of Inventor: _	Alex Holtz
Date:		Signature of Inventor:	David E. Buehnemann
Date:	5/15/2000		Gilberto Fres
Date:	5/16/00	Signature of Inventor:	Harrison T. Hickenlooper, III
Date:	5/15/2000	Signature of Inventor:	Charles M. Hoeppner
Date:	5/16/2000		Kevin K. Morrow
Date:		Signature of Inventor:	
Date:	5/16/00		Loren J. Nordin, III
Date:		Signature of Inventor:	
Date:	5/16/84	Signature of Inventor:	Robert J. Snyder

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; Michael 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 & FOXP.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.

	5/16/2000	Signature of Inventor:	Alex Holtz
	5/16/2000	Signature of Inventor:	David E. Buehnemann
Date:	5/15/2000	Signature of Inventor:	Helbert For Gilberto Fres
Date:		Signature of Inventor:	Harrison T. Hickenlooper, III
Date:	5/15/2000	Signature of Inventor:	Charles M. Hoeppner
Date:	5/16/2000	Signature of Inventor:	Kevin K. Morrow
Date:		Signature of Inventor:	Bradley E. Neider
Date:		Signature of Inventor:	Loren J. Nordin, III
Date:		Signature of Inventor:	Todd D. Parker
Date:		Signature of Inventor.	Robert J. Snyder

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L. Fox, Esquire, Registration No. 30,353; David K.S. Comwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michael 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 & FOXP.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.

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Date:	5/11/2008	Signature of Inventor:	Alex Holtz
Date:		Signature of Inventor:	David E. Buehnemann
Date:	5/15/2000	Signature of Inventor:	Gilberto Fres
Date:		Signature of Inventor:	Harrison T. Hickenlooper, III
Date:	5/15/2000	Signature of Inventor:	Charles M. Hoeppner
Date:	5/16/2000	Signature of Inventor: _	Kevin K. Morrow
Date:	5/16/00	Signature of Inventor:	BEStud Bradley E. Neider
Date:		Signature of Inventor:	Loren J. Nordin, III
Date:		Signature of Inventor:	Todd D. Parker
Date:	5/16/84	Signature of Inventor:	Robert J. Snyder

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L. Pox, Bequire, Registration No. 38,353; David S.S. Cornwell, Sequire, Registration No. 31,944; Robert W. Esmerid, Enguire, Registration No. 31,944; Robert W. Esmerid, Enguire, Registration No. 32,831; Michiel S. Roy, Enquire, Registration No. 32,831; Michiel S. Roy, Enquire, Registration No. 39,917; Ratert B. Scholle, Require, Registration No. 35,237; Survet R. Louwig, Sequire, Registration No. 36,207; Ras S. Florian, Require, Registration No. 34,331; John M. Cover, Sequire, Registration No. 34,331; John M. Cover, Sequire, Registration No. 34,331; John M. Cover, Sequire, Registration No. 39,581; all order Names, Research Park P.L.C., 150 Now York Avenue, N.W., Sulle 600, Weshington, D.C. 2005: 5936, power to insert to this Seeignment and Gerler Lincolfication that may be necessary or desirable in other to comply with the rules of the United States Points and Trainpark Office Servesserian of this decayment.

BY WITHIRS WHEREIT, executed by the undersigned investor(s) on the date opposite higher notes.

Onte	5/4/200	Signature of Inventor:	Alex Henre
Date.	-	Dignuse of Inventor:	Dovid B. Duckstange
Dec.	5/10/2000	Signature of Inventor	Helle For
Dese-		Signature of Loventor:	Harrison T. Wickenlooper, ff1
Dute	5/15/2000		Charles M. Happen
Duck	slul	Signature of Inventor.	Koria K. Marrow
Des:	5/10/00_	Bignature of Invitators	BEH ail
Date:		Signature of Inversor:	Loron J. Northe III
Date	5/16/00	والقاسمين الأوسيسية	4000
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