Form PTO-1595 (Rev. 6-93)	.T U.S. DEPARTMENT OF C
OMR No. 0651-0011 (avn. 4/94)	01212963
To the Honorable Commissioner	TOUGHTEN PRODUCTION THE ATTACHED ORIGINAL DOCUMENTS OF COPY THEFEOF.
1. Name of conveying party(ies): David L. Schell - 8/21/87 Randolph S. Crupper - 8/7/97 Marvin B. Davis - 8/5/97 Kurt W. Getreuer - 8/9/97 Leonardus J. Grassens - 8/21/97 David E. Lewis - 8/13/97 Additional name(s) of conveying party(ies) attached? □ 3. Nature of conveyance: □ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Other	2. Name and address of receiving party(ies): Name: Discovision Associates Internal Address: P.O. Box 19616 Street Address: 2355 Main Street, Şui City: Irvine, State: CA ZIP: 9: Additional name(s) and address(es) attached? ☐ Yes ☑
Execution Date: as stated above	_
Application number(s) or patent number(s): If this document is being filed together with a new	application, the execution date of the
.,	application, the execution date of the . Patent No.(s)
If this document is being filed together with a new application is: Application No.(s)	l
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If this document is being filed together with a new application is: Application No.(s) 08/376,882	. Patent No.(s)
If this document is being filed together with a new application is: Application No.(s) 08/376,882 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence	e concerning 6. Total number of applications and patents
If this document is being filed together with a new application is: Application No.(s) 08/376,882 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence document should be mailed: Internal Address: DISCOVISION ASSOCIATES PATENT PROSECUTION DEPARTMENT P.O. Box 19616	e concerning 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41)
If this document is being filed together with a new application is:	e concerning 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41)
If this document is being filed together with a new application is: Application No.(s) O8/376,882 Additional numbers attached? □ Yes ☒ No 5. Name and address of party to whom correspondent document should be mailed: Internal Address: DISCOVISION ASSOCIATES PATENT PROSECUTION DEPARTMENT P.O. Box 19616 Irvine, CA 92623 99 JSHABAZZ 49606961 041175 08376882	e concerning 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41)
If this document is being filed together with a new application is:	e concerning 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41)

Name of Person Signing

Total number of pages including cover sheet, attachments and document: 17]

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Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

951028(US)USC1X1 MMMI PATENT

ASSIGNMENT OF APPLICATION AND PATENT

WHEREAS, we, David L. Schell residing at 1601 Tanglewood Drive, Fort Collins, Colorado 80525; Randolph S. Crupper residing at 308 High Street (P.O. Box 731), Palmer Lake, Colorado 80133; Marvin B. Davis residing at 2813 Palmer Park Blvd, Colorado Springs, Colorado 80909; Kurt W. Getreuer residing at 116 Broadmoor Trail, Fairport, New York 14450; Leonardus J. Grassens residing at 19115 Pebble Beach Way, Monument, Colorado 80132; and David E. Lewis residing at 14820 Spiritwood Loop, Black Forest, Colorado 80106; and have invented a certain new and useful OPTICAL DISC SYSTEM HAVING SERVO MOTOR AND SERVO ERROR DETECTION ASSEMBLY OPERATED RELATIVE TO MONITORED QUAD SUM SIGNAL (as amended), for which we have made application for Letters Patent of the United States as fully set forth and described in the specification filed in the United States Patent and Trademark Office on January 25, 1995 and assigned Serial No. 08/376,882.

WHEREAS, Discovision Associates, a California Partnership duly organized and existing under and by virtue of the laws of the State of California, and having a place of business at 2355 Main Street, Suite 200, Irvine, California 92714, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be had therefore:

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to us in hand paid, the receipt of which is hereby acknowledged, we, said David L. Schell, Randolph S. Crupper, Marvin B. Davis, Kurt W. Getreuer, Leonardus J. Grassens, and David E. Lewis, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto said Discovision Associates, the whole right, title and interest in and to said OPTICAL DISC SYSTEM HAVING SERVO MOTOR AND SERVO ERROR DETECTION ASSEMBLY OPERATED RELATIVE TO MONITORED QUAD SUM SIGNAL (as amended) and any and all improvements disclosed in the aforesaid application for patent, as fully set-forth and described therein, and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent derived from the aforesaid application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from the aforesaid U.S. application as prepared for and filed in any and all foreign countries, said whole right, title and interest in and to said OPTICAL DISC SYSTEM HAVING SERVO MOTOR AND SERVO ERROR DETECTION ASSEMBLY OPERATED RELATIVE TO MONITORED QUAD SUM SIGNAL (as amended) being the same for said Discovision Associates' own use and for the use of its assigns, successors and legal representatives to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And we, for ourselves, our heirs, assigns and legal representatives hereby covenant to and with said assignee Discovision Associates, its assigns, successors and legal representatives, that we have full right to sell and assign the entire interest in and to said invention and the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance whatsoever.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Discovision Associates, as the assignee of our entire right and title therein.

Page 1 of 3

In Testimony Whereof, we each have hereunto	o set our hand and seal on the day and	d month of 1997
as indicated below.		
$\bigcap \bigcap a \cup a$, ,	
L.S.	Date: 8/21/9	7
David L. Schell		
Acknowledgment		
State of <u>COCONAID</u>)		
County of CALINER) ss		
On this day of Auction, 1977, before me, a Notary me (or proved to me on the basis of satisfactory evidence) to be the acknowledged to me that he executed the same in his individual and the person, or the entity upon behalf of which the person acted, ex	ne person whose name is subscribed to the wit authorized capacities, and that by his signature	hin instrument, and
IN WITNESS WHEREOF, I have hereunto set my hand and affixed	d my official seal the day and year first above w	written.
CODINNE TOMES	Course Jone	1
CORINNE TOMES NOTARY PUBLIC	Notary Public in and for Said State	
STATE OF COLORADO	•	OMMISSION EXPIRES:
***************************************	mi Ci	August 3, 2000
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L.S.	Date: 8/7/97	
Randolph S. Cripper//	Date.	
1 w		
Acknowledgment		
State of <u>Colorado</u>)		
County of EL Paso		
On this Thay of Quant 1997 before me, a Notary Pu to me (or proved to me on the basis of satisfactory evidence) to be the acknowledged to me that he executed the same in his individual and the person, or the entity upon behalf of which the person acted, ex	ne person whose name is subscribed to the wit authorized capacities, and that by his signature	hin instrument, and
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KELLY A. JOHNSON	Villa & Ophus	07~
NOTARY PUBLIC STATE OF COLORADO	Kelly X bhix Notary Public in and for Said State	
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Marvin B. Davis		
Acknowledgment		
State of COCOCA DO		
County of $ECPASO$) ss		
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NOTARY PUBLIC	Course 19m	es/
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***************************************	MY COMMISSION EXPIRES:	
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PATENT REEL: 010403 FRAME: 0655

R. E. STANDISH
COMM. # 1039693
Noistry Public — Colifornia
SANTA CRUZ COUNTY
My Certim. Expires DEC 20, 1973

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RECORDED: 11/15/1999

Acknowledament On this <u>J</u> day of <u>JJ &</u> , 19<u>J</u>, before me, a Notary Public, personally appeared Kurt W. Getreuer, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed the instrument. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written Public in and for Said State KATHLEEN M. SCHIPPER Netary Public in the State of New York ONTARIO COUNTY 10 ON TARIO COUNTY

Commission Expires Nov. 30, 19 98 Leonardus Grassens Acknowledgment State of COLORADO County of LARIMER On this 3/5+ day of August , 19 $\frac{9}{10}$ before me, a Notary Public, personally appeared Leonardus J. Grassens, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed the instrument. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written. CORINNE TOMES **NOTARY PUBLIC** Notary Public in and for Said State STATE OF COLORADO MY COMMISSION EXPIRES: August 3, 2000 David E. Lewis Acknowledgment State of CALIFERMI On this 137 day of 199 days of 199 before me, a Notary Public, personally appeared David E. Lewis, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his individual and authorized capacities, and that by his signature on this instrument the person, or the entity upon behalf of which the person acted, executed the instrument. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year first above written.

Page 3 of 3

Notary Public in and for Said State

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