	01-19-1999	Docket No.:	INTL-0134-US (P6499)
FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar P08A/REV02	100945143	ΞT U	J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
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3. Nature of conveyance: MRU 12-30	·98		Ţ.
🛛 Assignment 🗌 Merger			
□ Security Agreement □ Change	of Name City: Houst	on	State/Prov.: TX
Other	Country: <u>U</u>	nited States	ZIP: <u>95052</u>
Execution Date: December 17, 29, and 30, 1998	Additional name	e(s) & address(es)	🗆 Yes 🖾 No
Addi 5. Name and address of party to whom correspond] No	
concerning document should be mailed:	6. Total numb	er of applications a	ind patents involved: 1
Name: Timothy N. Trop	7. Total fee (3	7 CFR 3.41):	\$ 40.00
Registration No. 28,994	🔀 Enclose	ed - Any excess or	insufficiency should be
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8554 Katy Freeway, Suite 100 01/15/1999 DNGUYEN 00000255 09223516	Authori:	zed to be charged	to deposit account
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9. Statement and signature. To the best of my knowledge and belief, the fore of the original document.	egoing information is true and	correct and any at	tached copy is a true copy
Timothy N. Trop	X MOX	2	1430/98
Name of Person Signing Total number of	Signature pages including cover sheet, attachr		Date
			TENT FRAME: 0286

Attorney Docket No.: INTL 0134-US (P6499)

ASSIGNMENT

WHEREAS, We, DENNIS M. O'CONNOR, MARK P. CHUANG, THOMAS S. MARTIS, MARK L. GORDON and JOHN J. KIRBY, are joint inventors of "TIME SHIFTING BY SIMULTANEOUSLY RECORDING AND PLAYING A DATA STREAM," application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, INTEL CORPORATION, a corporation created and existing under and by virtue of the laws of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to INTEL CORPORATION, all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by INTEL CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to INTEL CORPORATION, as assignee of our entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to INTEL CORPORATION, its successors, assigns, or other legal representatives and that if INTEL CORPORATION, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

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DEC-29-1998	12:34	FROM	ROSCO		TO	917134688883	P.03
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And we do further covenant and egree that we will, at any time upon request, communicate to INTEL CORPORATION, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and teatify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS day of Pecember 19 98

IS M. O'CONNOR

EXECUTED THIS 29 th day of Technoler 19 98

December , 19 98. EXECUTED THIS Hay of

Name: THOMAS'S MARTIS

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EXECUTED THIS Aday of _____ 98 Ó Name: MARK L G

EXECUTED THIS 20 day of PRCEMber, 1998.

Name

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