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Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

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1. 3. 	Name of conveying party(ies): 1) Henry C. Yuen 2) Daniel S. Kwoh 3) Roy J. Mankovitz 4) Elsie Y. Leung Additional name(s) of conveying party(ies) attached: No Name of conveyance: Assignment Security Agreement Other:	2.	Name and address of receiving party(ies): Name: Gemstar Development Corporation Street Address: 135 N. Los Robles Avenue, Suite 800, Pasadena, California 91101		
Exe	cution Date: 1) 10/24/03 2) 08/15/02 3) 12/4/03 4) 10/24/03		Additional name(s) & address(es) attached? NO		
4.	If this document is being filed together with a new application, the execution date of the application				
	A. Patent Application No.(s)		B. Patent No.(s) 6,028,599		
	2003 DBYRNE 00000159 6028599 8021 40.00 0P Additio	nal 1	numbers attached? No		
5.	Please return the recorded document and address all correspondence to:	6.	Total number of applications and patents involved 1		
	CHRISTIE, PARKER & HALE, LLP P.O. Box 7068 Pasadena, CA 91109-7068 Attention: Wesley W. Monroe	7. 8.	 X Total fee enclosed (37 CFR 3.41): \$40 X Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or 		
10.	Explanatory letter is enclosed.		charge to our Deposit Account.		
9.	Statement and signature. To the best of my knowledge and belief, the foregoing inf document. Date: December 10, 2003 Thirdy certify that the companion of the departed with the U.S. Postel Service as that days will be converge addressed at U.S. Postel Service as that days will be converge addressed at the service as that days will be converge addressed at the service as that days will be converge addressed at the service as that days will be converge addressed at the service as that days will be converge to the service as the		ation is true and correct and any attached copy is a true copy of the original Name Wesley W. Monroe 626/795-9900 Total number of pages including cover sheet, 11		

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Docket No. 29667/WWM/G207

ASSIGNMENT

WHEREAS, HENRY C. YUEN, DANIEL S. KWOH, ROY J. MANKOVITZ AND ELSIE Y. LEUNG, residing at P.O. Box 1159, Redondo Beach, California 90278; 3975 Hampstead Road, La Canada/Flintridge, California 91011; 24236 Park Granada, Calabasas, California 91302; and 1302 Via Del Rey, South Pasadena, California 91030, respectively, (hereafter called "ASSIGNORS") are the assignees of record of Patent No. 6,028,599, issued February 22, 2000, for an invention entitled DATABASE FOR USE IN METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT;

AND WHEREAS, GEMSTAR DEVELOPMENT CORPORATION, a California corporation, having a place of business at 135 N. Los Robles Avenue, Suite 800, Pasadena, California 91101 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said Patent No. 6,028,599, and all the inventions therein, and ASSIGNORS are willing to enter into such assignment.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to Patent No. **6,028,599** and all continuations, divisions, reexaminations, reissues and substitutes thereof, and all inventions therein;

ASSIGNORS hereby covenant that they have full right to convey the entire interest herein assigned, and that they have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNORS hereby further covenant and agree that they will communicate to ASSIGNEE any and all facts known to it respecting said patent, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination, reissue and substitute applications, and make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this $\frac{24}{\text{Henry C. Yuer}}$ day of $\frac{0 \text{ cf}}{10 \text{ cf}}$, $20 \frac{3}{20}$.

STATE OF California COUNTY OF Los Augeles

On <u>Oct 24, 2003</u>, before me <u>Katherine L. Espinoza</u>, Notary Public, personally appeared **Henry C. Yuen** 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Hathen P. Enpern-

IN TESTIMONY WHEREOF, I hereunto set my hand this ______ day of ____, 20.

By _____ Daniel S. Kwoh

STATE OF) COUNTY OF)

, before me On_ Notary Public, personally appeared Daniel S. Kwoh 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary

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IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of ____, 20.

By			
•	Rov	J.	Mankovitz

STATE OF COUNTY OF

_____, before me _____ Notary On Public, personally appeared Roy J. Mankovitz 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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WITNESS my hand and official seal.

Signature of Notary IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of 0ct. By Elsie Y. Leung STATE OF California) COUNTY OF Los Angeles) On <u>Cct. 24, 2003</u>, before me <u>Hatherine L. Espinoza</u>, Notary Public, personally appeared Elsie Y. Leung 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

) man	KATHERINE L. ESPINOZA
	Commission # 1368706
	Notary Public - California Los Angeles County
	My Comm. Expires Aug 8, 2008

WITNESS my hand and official seal.

Hather R. Sypers-Signature of Notary

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PATENT REEL: 014782 FRAME: 0863

ASSIGNMENT

WHEREAS, HENRY C. YUEN, DANIEL S. KWOH, ROY J. MANKOVITZ AND ELSIE Y. LEUNG, residing at P.O. Box 1159, Redondo Beach, California 90278; 3975 Hampstead Road, La Canada/Flintridge, California 91011; 24236 Park Granada, Calabasas, California 91302; and 1302 Via Del Rey, South Pasadena, California 91030, respectively, (hereafter called "ASSIGNORS") are the assignees of record of Patent No. 6,028,599, issued February 22, 2000, for an invention entitled DATABASE FOR USE IN METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT;

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IN TESTIMONY WHEREOF, I hereunto set my hand this _____ day of _____, 20____.

By _____ Henry C. Yuen STATE OF) COUNTY OF) On ______, before me ______, Notary Public, personally appeared Henry C. Yuen personally known to me (or proved to me on the basis of , Notary Public, 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal. Signature of Notary ******* August IN TESTIMONY WHEREOF, I hereunto set my hand this etary of ____, 20**02** By Daniel S. Kwoh CALIFORNIA STATE OF) COUNTY OF LOS ANGELES) , Notary Public, 10003+15,200 before me On (personally appeared Daniel S. Kwoh 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 authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.

PATENT REEL: 014782 FRAME: 0865

IN TESTIMONY WHERE OF I becaunto set my hand this day of 20

IN IESTIMONI WHER	LOF , I hereunto set m	y hand this day of, 20
		By Roy J. Mankovitz
STATE OF COUNTY OF))	
satisfactory evidence) to acknowledged to me that h	be the person whose in executed the same in	, Notary Public ally known to me (or proved to me on the basis of name is subscribed to the within instrument and his authorized capacity, and that by his signature on lf of which the person acted, executed the instrument
		WITNESS my hand and official seal.
		Signature of Notary

IN TESTIMONY WHER	EOF, I hereunto set my	y hand this day of, 20
		By Elsie Y. Leung
STATE OF COUNTY OF))	
On	, before me	, Notary Public y known to me (or proved to me on the basis of
satisfactory evidence) to acknowledged to me that h	be the person whose n a executed the same in (ly known to me (or proved to me on the basis of name is subscribed to the within instrument and his authorized capacity, and that by his signature on f of which the person acted, executed the instrument.
		WITNESS my hand and official seal.
		Signature of Notary
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ASSIGNMENT

WHEREAS, HENRY C. YUEN, DANIEL S. KWOH, ROY J. MANKOVITZ AND ELSIE Y. LEUNG, residing at P.O. Box 1159, Redondo Beach, California 90278; 3975 Hampstead Road, La Canada/Flintridge, California 91011; 24236 Park Granada, Calabasas, California 91302; and 1302 Via Del Rey, South Pasadena, California 91030, respectively, (hereafter called "ASSIGNORS") are the assignees of record of Patent No. 6,028,599, issued February 22, 2000, for an invention entitled DATABASE FOR USE IN METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT;

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IN TESTIMONY WHERE	DF , I hereunto set m	y hand this	day of	, 20
		By Henry C.	Yuen	
STATE OF COUNTY OF)			
On Public, personally appeared satisfactory evidence) to be acknowledged to me that he on the instrument the pers instrument.	e the person whose e executed the same	name is subso in his authoriz	cribed to the w ed capacity, and	ithin instrument and I that by his signature
		WITNES	S my hand and	official seal.
		Signatur	e of Notary	
	>	**		
IN TESTIMONY WHERE	OF, I hereunto set n	ny hand this		day of, 20.
		Ву		
		Daniel S	. Kwoh	
STATE OF COUNTY OF))			
On Public, personally appeared of satisfactory evidence) to acknowledged to me that he on the instrument the pers instrument.	Daniel S. Kwoh p be the person whos e executed the same	personally know se name is sub in his authoriz	n to me (or pro scribed to the v ed capacity, and	ved to me on the basis vithin instrument and I that by his signature
		WITNES	SS my hand and	official seal.
		Signatur	e of Notary	
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PATENT REEL: 014782 FRAME: 0868

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IN TESTIMONY WHEREO)F , I hereunto set my	hand this	4 TH	day of <u>DEC</u> , 2003
		By Roy). Me	enfoirt
		Roy J. Mank	ovitz	
STATE OF COUNTY OF))			
On Public, personally appeared basis of satisfactory evidence and acknowledged to me the signature on the instrument executed the instrument.	e) to be the person w at he executed the	vhose name is su same in his autl	bscribed to th norized capac	e within instrument ity, and that by his
		WITNESS m	ny hand and o	fficial seal.
		Signature of	Notary	
	****	*****		
IN TESTIMONY WHEREC)F , I hereunto set my	hand this		day of, 20.
		By Elsie Y. Leu	ng	
STATE OF COUNTY OF))			
On Public, personally appeared satisfactory evidence) to be acknowledged to me that he on the instrument the pers instrument.	the person whose a executed the same in	onally known to r name is subscrib n his authorized o	ne (or proved ed to the wit capacity, and t	thin instrument and that by his signature
		WITNESS n	ny hand and o	fficial seal.
		Signature of	Notowy	
		U	. Notal y	
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PATENT REEL: 014782 FRAME: 0869

RECORDED: 12/10/2003