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RCA 88863

U.S. 1



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RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): THOMAS ANTHONY STAHL; AMIT KUMAR CHATTERJEE; IZZAT HEKMAT IZZAT; SABAN KURUCAY; SANJEEV NAGPAL; ROBERT EUGENE TRZYBINSKI Additional name(s) of conveying party(ies) attached: Yes No X	2. Name and address of receiving party(ies): Name: THOMSON Licensing S.A. Internal Address: 46 Quai A. Le Gallo F-92648 Boulogne Cedex, France Street Address:
3. Nature of conveyance: Assignment <input checked="" type="checkbox"/> Merger Security Agreement <input type="checkbox"/> Change of Name Other <input type="checkbox"/> Execution Date: 25, 31, 28, 29, 30 and 25 August 2000	City: State: Zip: Additional name(s) & address(es) attached? Yes No X
4. 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.(s) US 60/066,782 US 60/071,341 US 60/073,693 PCT/US98/24687 Additional numbers attached? Yes No X	B. Patent No.(s) <p style="font-size: 2em; text-align: center;">09/555188</p>
5. Name and address of party to whom correspondence concerning document should be mailed: Name: JOSEPH S. TRIPOLI Internal Address: PATENT OPERATIONS- THOMSON MULTIMEDIA LICENSING INC. Street Address: PO Box 5312 City: PRINCETON State: NEW JERSEY Zip :08543-5312	6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 07-0832

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9. Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

PAUL P. KIEL  
Name of Person Signing

*Paul Kiel*  
Signature

9-13-00  
Date

Total number of pages including cover sheet, attachments, and document: 6

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ASSIGNMENT AND AGREEMENT

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 6 joint inventors (if plural inventors are named below) of the inventions relating to

DEVICE INTEROPERABILITY UTILIZING BIT-MAPPED ON-SCREEN DISPLAY MENUS and described in RCA Docket No 88863 and the thereupon-based International (Patent Cooperation Treaty) Application for patent about to be filed or lately filed by said corporation naming me/us as inventor(s).

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions and application, and all the rights and privileges under any and all Patents that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING S.A., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>Indianapolis</u>	Date	<u>August 25, 2000</u>
Inventor (1)	<u>THOMAS ANTHONY STAHL</u> (Type or Print)		<u>Thomas Anthony Stahl</u> (Signature in Full. No initials.)
Post Office Address	<u>7003 Stewart Court, Indianapolis, Indiana 46256 USA</u>		
1st Witness	<u>Rita Anne Carpenter</u> (Type or Print)		<u>Rita Anne Carpenter</u> (Signature in Full. No initials.)
2nd Witness	<u>Vicki Nanette Tilley</u> (Type or Print)		<u>Vicki Nanette Tilley</u> (Signature in Full. No initials.)
Signed at		Date	
Inventor (2)	<u>AMIT KUMAR CHATTERJEE</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>34 Rosemont Drive, North Andover, Massachusetts 01845 USA</u>		
1st Witness			(Signature in Full. No initials.)
2nd Witness			(Signature in Full. No initials.)
Signed at	<u>Indianapolis</u>	Date	<u>August 28, 2000</u>
Inventor (3)	<u>IZZAT HEKMAT IZZAT</u> (Type or Print)		<u>Izzat Hekmat Izzat</u> (Signature in Full. No initials.)
Post Office Address	<u>2249-6 East 151 Street, Carmel, Indiana 46033 USA</u>		
1st Witness	<u>Mary Lafuze Comer</u> (Type or Print)		<u>Mary Lafuze Comer</u> (Signature in Full. No initials.)
2nd Witness	<u>Yousef Wasef Nigim</u> (Type or Print)		<u>Yousef Wasef Nigim</u> (Signature in Full. No initials.)

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I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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Signed at	_____	Date	_____
Inventor (1)	<u>THOMAS ANTHONY STAHL</u> (Type or Print)	_____	(Signature in Full. No initials.)
Post Office Address	<u>7003 Stewart Court, Indianapolis, Indiana 46256 USA</u>		
1st Witness	_____	_____	(Signature in Full. No initials.)
2nd Witness	_____	_____	(Signature in Full. No initials.)
Signed at	<u>34 ROSEMONT DR., N ANDOVER, MA</u>	Date	<u>8/31/00</u>
Inventor (2)	<u>AMIT KUMAR CHATTERJEE</u> (Type or Print)	_____	<u>Amit Kumar Chatterjee</u> (Signature in Full. No initials.)
Post Office Address	<u>34 Rosemont Drive, North Andover, Massachusetts 01845 USA</u>		
1st Witness	<u>PALLABI CHATTERJEE</u> (Type or Print)	_____	<u>Pallabi Chatterjee</u> (Signature in Full. No initials.)
2nd Witness	<u>SHILA MITRA</u> (Type or Print)	_____	<u>Shila Mitra</u> (Signature in Full. No initials.)
Signed at	_____	Date	_____
Inventor (3)	<u>IZZAT HEKMAT IZZAT</u> (Type or Print)	_____	(Signature in Full. No initials.)
Post Office Address	<u>2249-6 East 151 Street, Carmel, Indiana 46033 USA</u>		
1st Witness	_____	_____	(Signature in Full. No initials.)
2nd Witness	_____	_____	(Signature in Full. No initials.)

Signed at	<u>3200 H. Grandview, Waukegan, WI</u>	Date	<u>8/29/2000</u>
Inventor (4)	<u>SABAN KURUGAY SK</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
	Post Office Address	<u>302 West North Street, Apt. 20, Waukesha, Wisconsin 53188 USA</u>	
1st Witness	<u>BALDEV S. AHLUWALIA</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
2nd Witness	<u>ROBERT DONALD PETERS</u> (Type or Print)		<u>[Signature]</u> (Signature in Full. No initials.)
Signed at		Date	
Inventor (5)	<u>SANJEEV NAGIPAL</u> (Type or Print)		(Signature in Full. No initials.)
	Post Office Address	<u>4930 Meredith Way, Apt. 305, Boulder, Colorado 80303 USA</u>	
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)
Signed at		Date	
Inventor (6)	<u>ROBERT EUGENE TRZYBINSKI</u> (Type or Print)		(Signature in Full. No initials.)
	Post Office Address	<u>7741 North Sherman Drive, Indianapolis, Indiana 46240 USA</u>	
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	(Type or Print)		(Signature in Full. No initials.)

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 PO Box 5312  
 Princeton, NJ 08543-5312

Signed at _____	Date _____
Inventor (4) <u>SABAN KURUGAY</u> (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address <u>302 West North Street, Apt. 20, Waukesha, Wisconsin 53188 USA</u>	
1st Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)
2nd Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)
Signed at <u>Boulder, CO 80301 USA</u>	Date <u>August 30, 2000</u>
Inventor (5) <u>SANJEEV NAGPAL</u> (Type or Print)	<u>Sanjeev Nagpal</u> (Signature in Full. No initials.)
Post Office Address <u>2727, Nelson Road, Apt-F203, Longmont, Colorado 80503 USA</u> <u>4930 Meredith Way, Apt. 305, Boulder, Colorado 80303 USA</u>	
1st Witness <u>Gody Thompson</u> (Type or Print)	<u>Gody Thompson</u> (Signature in Full. No initials.)
2nd Witness <u>Mark Willette</u> (Type or Print)	<u>Mark A Willette</u> (Signature in Full. No initials.)
Signed at _____	Date _____
Inventor (6) <u>ROBERT EUGENE TRZYBINSKI</u> (Type or Print)	_____ (Signature in Full. No initials.)
Post Office Address <u>7741 North Sherman Drive, Indianapolis, Indiana 46240 USA</u>	
1st Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)
2nd Witness _____ (Type or Print)	_____ (Signature in Full. No initials.)

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Post Office Address	<u>302 West North Street, Apt. 20, Waukesha, Wisconsin 53188 USA</u>		
1st Witness	_____	_____	(Signature in Full. No initials.)
2nd Witness	_____	_____	(Signature in Full. No initials.)
Signed at	_____	Date	_____
Inventor (5)	<u>SANJEEV NAGIPAL</u> (Type or Print)	_____	(Signature in Full. No initials.)
Post Office Address	<u>4930 Meredith Way, Apt. 305, Boulder, Colorado 80303 USA</u>		
1st Witness	_____	_____	(Signature in Full. No initials.)
2nd Witness	_____	_____	(Signature in Full. No initials.)
Signed at	<u>Indianapolis IN</u>	Date	<u>8/25/2000</u>
Inventor (6)	<u>ROBERT EUGENE TRZYBINSKI</u> (Type or Print)	_____	<u>Robert Eugene Trzybinski</u> (Signature in Full. No initials.)
Post Office Address	<u>7741 North Sherman Drive, Indianapolis, Indiana 46240 USA</u>		
1st Witness	<u>Gary Gutmacht</u> (Type or Print)	_____	<u>Gary Gutmacht</u> (Signature in Full. No initials.)
2nd Witness	<u>Scott R. Pfenster</u> (Type or Print)	_____	<u>Scott R. Pfenster</u> (Signature in Full. No initials.)

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