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U.S. DEPARTMENT OF
COMMERCE
Patent and Trademark Office

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

<p>1. Name of conveying party(ies): <u>Paul Steven Haney, Rosalid Leroy Lytel, Paul Michael Pierce and David Evan Schultz</u></p> <p>Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>March 25, 2000; March 27, 2000 and May 10, 2000</u></p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>THOMSON multimedia S.A.</u> Internal Address: _____</p> <p>Street Address: <u>46, quai Alphonse Le Gallo</u></p> <p>City: <u>Boulogne Cedex</u> Country: <u>France</u> ZIP: <u>F-9264</u></p> <p>Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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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) <u>09/426,620</u>	B. Patent No.(s)
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>JOSEPH S. TRIPOLI</u> Internal Address: <u>Patent Operations Thomson multimedia Licensing Inc.</u></p> <p>Street Address: <u>P O Box 5312</u></p> <p>City: <u>Princeton</u> State: <u>NJ</u> ZIP: <u>08543-5312</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>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</p> <p>8. Deposit account number: <u>07-0832</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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DO NOT USE THIS SPACE

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.

<u>Frederick A. Wein</u> Name of Person Signing	 Signature	<u>5/18/00</u> Date
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Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignments
Washington, D.C. 20231

70000845

PATENT
REEL: 10638 FRAME: 0919

RCA 89,120

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of four (4) joint inventors (if plural inventors are named below) of the inventions relating to **MANUALLY-POWERED APPARATUS FOR POWERING A PORTABLE ELECTRONIC DEVICE** described in an application for Letters Patent of the United States of America filed on October 27, 1989 under Serial No. 09428-020 or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment/Agreement. 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 France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventors, and all the rights and privileges under any and all Letters Patent 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, to make 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 hereinafter be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

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 hereinafter 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 hereinafter 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 IN</u>	Date	<u>3.27.00</u>
Inventor (1)	<u>Paul Steven Haney</u> (Type or Print)	<u>Paul Steven Haney</u> (Signature in Full. No initials.)	
Post Office Address	<u>1550 Persimmon Place, Noblesville, Indiana 46060-9713 USA</u>		
1st Witness	<u>SOLJA PERAK</u> (Type or Print)	<u>SOLJA PERAK</u> (Signature in Full. No initials.)	
2nd Witness	<u>DEMETRIUS MICHAEL PARRIS</u> (Type or Print)	<u>Demetrius Michael Parris</u> (Signature in Full. No initials.)	
Signed at		Date	
Inventor (2)	<u>Ronald Leroy Lytel</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1264 Amsterdam Avenue, New York, New York 10027, USA</u>		
1st Witness			(Signature in Full. No initials.)
2nd Witness			(Signature in Full. No initials.)
Signed at		Date	
Inventor (3)	<u>Paul Michael Pierce</u> (Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>5208 N. Delaware Street, Indianapolis, Indiana 46220-3045, USA</u>		
1st Witness			(Signature in Full. No initials.)
2nd Witness			(Signature in Full. No initials.)

PATENT
REEL: 10638 FRAME: 0920

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of four (4) joint inventors (if plural inventors are named below) of the inventions relating to MANUALLY-POWERED APPARATUS FOR POWERING A PORTABLE ELECTRONIC DEVICE described in an application for Letters Patent of the United States of America filed on October 27, 1999 under Serial No. 09428,620 or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment/Agreement.

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 France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent 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	_____	Date	_____
Inventor (1)	<u>Paul Steven Haney</u> (Type or Print)		_____ (Signature in Full. No initials.)
Post Office Address	<u>1550 Persimmon Place, Noblesville, Indiana 46060-9713 USA</u>		
1st Witness	_____		_____ (Signature in Full. No initials.)
	(Type or Print)		
2nd Witness	_____		_____ (Signature in Full. No initials.)
	(Type or Print)		
Signed at	<u>New York NY</u>	Date	<u>3/25/00</u>
Inventor (2)	<u>Ronald Leroy Lytel</u> (Type or Print)		<u>Ronald Leroy Lytel</u> (Signature in Full. No initials.)
Post Office Address	<u>1264 Amsterdam Avenue, New York, New York 10027, USA</u>		
1st Witness	<u>BETH OLEARCZYK</u>		<u>Beth Marie Olearczyk</u> (Signature in Full. No initials.)
	(Type or Print)		
2nd Witness	<u>CRISTINA KIESEL</u>		<u>Cristina Kiesel</u> (Signature in Full. No initials.)
	(Type or Print)		
Signed at	_____	Date	_____
Inventor (3)	<u>Paul Michael Pierce</u> (Type or Print)		_____ (Signature in Full. No initials.)
Post Office Address	<u>5208 N. Delaware Street, Indianapolis, Indiana 46220-3045, USA</u>		
1st Witness	_____		_____ (Signature in Full. No initials.)
	(Type or Print)		
2nd Witness	_____		_____ (Signature in Full. No initials.)
	(Type or Print)		

PATENT
REEL: 10638 FRAME: 0921

RCA 89,120

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of four (4) joint inventors (if plural inventors are named below) of the inventions relating to **MANUALLY-POWERED APPARATUS FOR POWERING A PORTABLE ELECTRONIC DEVICE** described in an application for Letters Patent of the United States of America filed on **October 27, 1989** under Serial No. **09/429,820** or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment/Agreement.

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 France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent 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 hereafter 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 hereafter 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	_____	Date	_____
Inventor (1)	<u>Paul Steven Haney</u>		
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1550 Persimmon Place, Noblesville, Indiana 46060-9713 USA</u>		
1st Witness	_____		(Signature in Full. No initials.)
	(Type or Print)		
2nd Witness	_____		(Signature in Full. No initials.)
	(Type or Print)		
Signed at	_____	Date	_____
Inventor (2)	<u>Ronald Leroy Lytel</u>		
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>1264 Amsterdam Avenue, New York, New York 10027, USA</u>		
1st Witness	_____		(Signature in Full. No initials.)
	(Type or Print)		
2nd Witness	_____		(Signature in Full. No initials.)
	(Type or Print)		
Signed at	<u>Libertyville, IL</u>	Date	<u>5/10/00</u>
Inventor (3)	<u>Paul Michael Pierce</u>		<u>[Signature]</u>
	(Type or Print)		(Signature in Full. No initials.)
Post Office Address	<u>5208 N. Delaware Street, Indianapolis, Indiana 46220-3045, USA</u>		
1st Witness	<u>JAMES HALE MAYER</u>		<u>[Signature]</u>
	(Type or Print)		(Signature in Full. No initials.)
2nd Witness	<u>MICHELLE HOPKINS MAYER</u>		<u>[Signature]</u>
	(Type or Print)		(Signature in Full. No initials.)

**PATENT
REEL: 10638 FRAME: 0922**

RCA 89,120

Signed at	<u>INDIANAPOLIS, INDIANA</u>	Date	<u>3.27.00</u>
Inventor (3)	<u>David Evan Schultz</u> (Type or Print)		<u>David Evan Schultz</u> (Signature in Full. No initials.)
Post Office Address	<u>5526 D Fjord Drive, Indianapolis, Indiana 46250-1167, USA</u>		
1st Witness	<u>Demetrius Michael Romano</u> (Type or Print)		<u>Demetrius Michael Romano</u> (Signature in Full. No initials.)
2nd witness	<u>SANDA PERCAL</u> (Type or Print)		<u>Sanda Percal</u> (Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to: Patent Operations
 Thomson Multimedia Licensing, Inc.
 P.O. Box 6312
 Princeton, NJ 08543-6312

Pat Form 1/00

RECORDED: 05/18/2000

PATENT
REEL: 10638 FRAME: 0923 **