



FORM PTO-1565 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) MD 3-3-99	R	03-05-1999  100978309	FR SHEET 1	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231, and the attached original documents or copy thereof.				
1. Name of conveying party(ies): OPR/FINANCE Hans-Hermann Hake, Timothy Helchow, and Heinz-Werner Kessan		2. Name and address of receiving party(ies) Name: <u>Deutsche Thomson-Brandt GmbH</u> Internal Address: _____ Street Address: <u>Hermann-Schwer-Str. 3</u> <u>D-78048 Villingen-Schwenningen GERMANY</u> City: _____ State: _____ ZIP: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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 _____ Execution Date: <u>09/24/98, 09/29/98 and 09/29/98</u>		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>09/232,106</u>		B. Patent No.(s)		
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Joseph S. Tripoli</u> Internal Address: <u>PO Box 5312</u> Street Address: <u>Thomson Multimedia Licensing Inc.</u> <u>2 Independence Way</u> City: <u>Princeton</u> State: <u>NJ</u> ZIP: <u>08543-5312</u>		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> ____ Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account		
		8. Deposit account number: <u>07-0832</u> (Attach duplicate copy of this page if paying by deposit account)		
9. Statement and signature. <i>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.</i>		DO NOT USE THIS SPACE		
David T. Shoneman Name of Person Signing		 Signature	<u>2/25/99</u> Date	
Total number of pages including cover sheet, attachments, and document: <input type="text" value="4"/>				

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

PATENT
REEL: 9792 FRAME: 0297

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Hans-Hermann Hake, Baumbachstr. 7, D-30163 Hannover, Germany; Timothy Heighway, Weddigenufer 3, D-30167 Hannover, Germany; Heinz-Werner Keesen, Siemensstr. 22, D-30173 Hannover, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

METHOD AND APPARATUS FOR TRANSFERRING BI-DIRECTIONALLY DATA BETWEEN AN IEEE 1384 BUS AND A DEVICE TO BE CONTROLLED BY SAID BUS

for which said assignor has caused an application for United States Letters Patent to be prepared,

(x) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

() said application having been filed in the United States Patent and Trademark Office on
Serial Number ;

AND WHEREAS

**Deutsche Thomson-Brandt GmbH
Hermann-Schwer-Str. 3
D-78048 Villingen-Schwenningen
Germany**

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

**PATENT
REEL: 9792 FRAME: 0298**

EXECUTED, this 24 day of September, 1998.

WITNESSES:

Signature: W. Hartnack

Name: Wolfgang Hartnack
Address: Zilleweg 14a
D-31303 Burgdorf

ASSIGNOR:

Signature: Hans-Hermann Hake

Name: Hans-Hermann Hake

Signature: Michael Zawadzki

Name: Michael Zawadzki
Address: Trageweg 9
D-30163 Hannover

EXECUTED, this 29th day of September, 1998.

WITNESSES:

Signature: W. Hartnack

Name: Wolfgang Hartnack
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ASSIGNOR:

Signature: Timothy Heighway

Name: Timothy Heighway

Signature: Michael Zawadzki

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Address: Trageweg 9
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EXECUTED, this 29 day of September, 1998.

WITNESSES:

Signature: W. Hartnack

Name: Wolfgang Hartnack
Address: Zilleweg 14a
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ASSIGNOR:

Signature: Heinz-Werner Keesen

Name: Heinz-Werner Keesen

Signature: Michael Zawadzki

Name: Michael Zawadzki
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RECORDED: 03/03/1999

PATENT
REEL: 9792 FRAME: 0299