



12-10-1999



DEPARTMENT OF COMMERCE
Patent and Trademark Office

101219487

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

1. Name of conveying party(ies): Markus Rehm, Thomas Riesle, Kum Yoong Zee, Choon Meng Chan		2. Name and address of receiving party(ies): Name: Deutsche Thomson-Brandt GmbH Internal Address: Street Address: Hermann-Schwer-Str. 3 D-78048 Villingen-Schwenningen, Germany City: _____ State: _____ Zip: _____	
Additional name(s) of conveying party(ies) attached: Yes _____ No X			
3. Nature of conveyance: Assignment X Merger _____ Security Agreement _____ Change of Name _____ Other _____			
Execution Date: August 26, 1999, October 8, 1999, and August 30, 1999		Additional name(s) & address(es) attached? Yes _____ No X	
4. Application number(s) or patent number(s): 09/327,064 If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) _____ B. Patent No.(s) _____			
Additional numbers attached? Yes _____ No X			
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: CN 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): \$40.00 Enclosed X 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.

Joseph J. Kolodka
 Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 10

OMB No. 0651-0011 exp. 4/94

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Assistant Commissioner for Patents
 Box Assignments
 Washington, D.C. 20231

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12/08/1999 CCETIM 00000114 070832 09327064
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Markus Rehm, Tiroler Str. 10, D-78052 Villingen-Schwenningen, Germany ; Thomas Riesle, Gemeindewaldstr. 14, D-78052 VS-Tannheim, Germany ; José Ignacio Rodriguez-Duran, Brendweg 16, D-78050 Villingen-Schwenningen, Germany ; Kum Yoong Zee, 39, Jalan Anggerek 27, Taman Johor Jaya, J.B., 81100 Johor, Malaysia, Choon Meng Chan, 254, Kim Keat Avenue # 10-106, Singapore 310254, Singapore, referred to as the assignor, have invented a certain improvement relating to

**"ARRANGEMENT HAVING A SWITCHED-MODE POWER SUPPLY AND A
MICROPROCESSOR"**

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

- () 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;
- (xx) said application having been filed in the United States Patent and Trademark Office on June 7, 1999 Serial Number 09/327064

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: 010422 FRAME: 0087**

EXECUTED, this 26 day of August, 1999.

WITNESSES:

Signature: Mall

Name: Mall
Address: Untermain-Hausdorffstr. 2
78078 Niedereschbach

Signature: Jürgen Krehel

Name: Jürgen Krehel
Address: Hauptstraße 42
73092 Heiningen

ASSIGNOR:

Signature: Markus Rehm

Name: Markus Rehm

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

Signature: _____

Name:
Address:

ASSIGNOR:

Signature: _____

Name: Thomas Riesle

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

Signature: _____

Name:
Address:

ASSIGNOR:

Signature: _____

Name: José-Ignacio Rodriguez-Duran

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Kum Yoong Zee

Address:

Signature: _____.

Name:

Address:

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Choon Meng Chan

Address:

Signature: _____.

Name:

Address:

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Markus Rehm, Tiroler Str. 10, D-78052 Villingen-Schwenningen, Germany; Thomas Riesle, Gemeindewaldstr. 14, D-78052 Villingen-Schwenningen, Germany; José-I Rodriguez-Duran, Brendweg 16, D-78050 Villingen-Schwenningen, Germany; Kum Yoong Zee, 39 Jalan Anggerek 27, Taman Johor Jaya J.B., 81100 Johor, Malaysia; Choon Meng Chan, 254 Kim Keat Avenue # 10-106, Singapore 310254; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

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EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature _____

Signature: _____

Name
Address:

Name: Markus Rehm

Signature _____

Name
Address:

EXECUTED, this 8 day of October, 1999.

WITNESSES:

ASSIGNOR:

Signature: [Signature]

Signature: [Signature]

Name [Name]
Address: [Address]

Name: Thomas Riesle

Signature: [Signature]

Name: [Name]
Address: [Address]

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: José-I Rodriguez-Duran

Signature: _____

Name:
Address:

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WITNESSES:

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Address:

Name: Kum Yoong Zee

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Address:

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EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Markus Rehm

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Thomas Riesle

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 1999.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: José-Ignacio Rodriguez-Duran

Signature: _____

Name:
Address:

EXECUTED, this 30th day of August, 1999.

WITNESSES:

Signature: [Signature]

Name: Tan Gim Siong

Address: BLK 228C, #04-304
COMPASSVALE WALK, 30543228

Signature: [Signature]

Name: Lee Kok Fah

Address: BLK 229, CHOA CHU KANG CENTRAL,
#11-141, S1680229

ASSIGNOR:

Signature: [Signature]

Name: Kum Yoong Zee

EXECUTED, this 30th day of August, 1999.

WITNESSES:

Signature: [Signature]

Name: CHAN SEE MUN

Address: BLK 553, CLEMENTI AVE 2, #14 DE
SINGAPORE 12055

Signature: [Signature]

Name: PEK BOON CHENG

Address: BLK 766 PASIR RIS ST. 71
#15-300
SINGAPORE 510766

ASSIGNOR:

Signature: [Signature]

Name: Choon Meng Chan