

12-15-2000

CA PD990074
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RI



101550967

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

1. Name of conveying party(ies):

Alexander Kravtchenko

Marten Kabutz

Bruno Peytavin

Additional name(s) of

X No

Conveying party(ies)

Attached:

2. Name and address of receiving party(ies):

Name: Deutsche Thomson-Brandt GmbH

Street Address: Hermann-Schwer-Str 3
D-78048 Villingen-Schwenningen,
Germany

City: Villingen-Schwenningen

State: Germany

Zip:

3. Nature of convenience:

X Assignment

Merger

Security Agreement

Change of Name

Other

Additional name(s) & address(es) attached?

X

No

Execution Date: October 12, October 12 and October 13, 2000

respectively.

4. Application number(s) or patent number(s): Serial No.

If this document is being filed together with a new application, the execution date of the application is October 12, October 12 and October 13, 2000 respectively.

A. Patent Application No.(s)

09/717418

B. Patent No.(s) ----

Additional numbers attached?

X No

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: 1

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.

Francis A. Davenport

Name of Person Signing

Francis A. Davenport

Signature - Reg. No. 36,316

November 21st 2000

Date

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12/14/2000 DNGUYEN 00000227 070832 09717418

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PATENT
REEL: 011328 FRAME: 0954

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Alexander Kravtchenko, Deutenbergring 146, D-78056 Villingen-Schwenningen, Germany; Marten Kabutz, Tirolerstr. 23, D-78052 Villingen-Schwenningen, Germany; Bruno Peytavin, 11 rue Irvoy, F-38000 Grenoble, France; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

**METHOD AND APPARATUS FOR DETERMINING THE VALUE OF SAMPLES RECEIVED FROM
BITSTREAM DATA STORED ON A STORAGE MEDIUM, AND FOR RECOVERING BITS OF SAID
BITSTREAM USING A VITERBI DETECTOR**

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

- (xx) 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.

EXECUTED, this 12 day of October, 2000.

WITNESSES:

Signature: [Signature]

Name: Friedrich Rominger
Address: Gaisbergweg 10
78086 Brigachthal

Signature: [Signature]

Name: Schicksteig 7
Address: 78088 Villingen

ASSIGNOR:

Signature: [Signature]

Name: Alexander Kravtchenko

EXECUTED, this 12 day of October, 2000.

WITNESSES:

Signature: [Signature]

Name: Susanne Wille
Address: Friedenstr. 4
30175 Hannover

Signature: [Signature]

Name: Michael Zewasch
Address: Tengweg 9
30163 Hannover

ASSIGNOR:

Signature: [Signature]

Name: Marten Kabutz

EXECUTED, this _____ day of _____, 2000.

WITNESSES:

Signature: _____

Name:
Address:

Signature: _____

Name:
Address:

ASSIGNOR:

Signature: _____

Name: Bruno Peytavin

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Alexander Kravtchenko, Deutenbergring 146, D-78056 Villingen-Schwenningen, Germany; Marten Kabutz, Tirolerstr. 23, D-78052 Villingen-Schwenningen, Germany; Bruno Peytavin, 11 rue Ivoy, F-38000 Grenoble, France; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

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EXECUTED, this _____ day of _____, 2000.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Alexander Kravtchenko

Signature: _____

Name:
Address:

EXECUTED, this _____ day of _____, 2000.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name:
Address:

Name: Marten Kabutz

Signature: _____

Name:
Address:EXECUTED, this 13 day of october, 2000.

WITNESSES:

ASSIGNOR:

Signature: _____

Signature: _____

Name: MALLET Eric
Address: 268 rue Franois de Probert
69700 VILLEURBANNE

Name: Bruno Peytavin

Signature: _____

Name: PLOQUIN Odier
Address: 62-1 Chemin du GARCIN
38960 St Etienne de Crossey