

09-27-2000

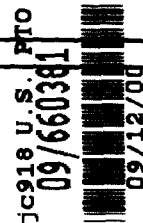
90,316

DEPARTMENT OF COMMERCE
Patent and Trademark Office



MRD 9-12-00

101472515



To the Honorable Assistant Commissioner for Patents: Please record the attached original document as a copy.

1. Name of conveying party(ies):
ERNST F. SCHROEDER

2. Name and address of receiving party(ies):
Name: **DEUTSCHE THOMSON-BRANDT GMBH**
Internal Address:

Additional name(s) of conveying party(ies) attached: Yes No **X**

Street Address: **HERMANN-SCHWER-STR. 3
D-78048 VILLINGEN-SCHWENNINGEN
GERMANY**

3. Nature of conveyance:
Assignment **X** Merger
Security Agreement Change of Name
Other _____

City: State: Zip:

Execution Date: **JULY 7, 2000**

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: July 7, 2000

A. Patent Application No.(s)
B. Patent No.(s)
09/660381

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: **THOMSON MULTIMEDIA LICENSING, INC.**

6. Total number of applications and patents involved: 1

Street Address: **2 INDEPENDENCE WAY**
City: **PRINCETON** State: **NEW JERSEY** Zip: **08543-5312**

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.

KUNIYUKI AKIYAMA REG. NO 43,314

Name of Person Signing

Signature

September 12, 2000
Date

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94)

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**Assistant Commissioner for Patents
Box Assignments
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02 EC:581

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, MECHANISM AND APPARATUS FOR USING MESSAGES TO LOOK UP DOCUMENTS STORED IN SPACES IN A DISTRIBUTED COMPUTING ENVIRONMENT, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Ernst F. Schröder, Pinkenburger Str. 25D, D-30655 Hannover, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

VOICE CONTROL SYSTEM WITH A MICROPHONE ARRAY

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 07 day of July, 2000.

WITNESSES:

Signature: S. Wirtz

Name: Susanne Wirtz
Address: Friedenstr. 4
30175 Hannover

ASSIGNOR:

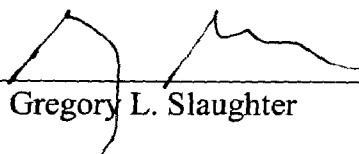
Signature: Ernst F. Schröder

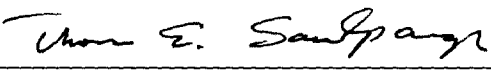
Name: Ernst F. Schröder

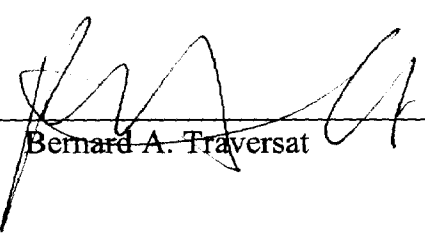
Signature: M. A. Z.

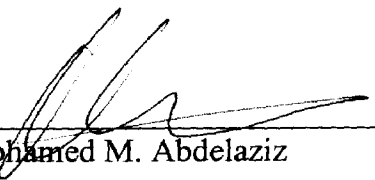
Name: Michael Zawadzki
Address: Trageweg 9
30163 Hannover

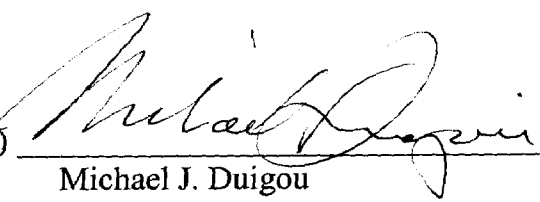
COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature)  Date: 9/7/00
Name: Gregory L. Slaughter

(Signature)  Date: 9-7-00
Name: Thomas E. Saulpaugh

(Signature)  Date: 9/7/00
Name: Bernard A. Traversat

(Signature)  Date: 9-7-00
Name: Mohamed M. Abdelaziz

(Signature)  Date: 9/7/00
Name: Michael J. Duigou

Robert C. Kowert
Conley, Rose & Tayon, P.C.
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Austin, TX 78767-0398