

02-23-1999

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Form PTO 1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Attorney Docket 4525-20

100971677

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

MPD 2-12-99

1. Name of conveying party(ies):
Garegin MARKARIAN

2. Name and address of receiving party(ies):
Name: NDS Limited
Internal Address:
Street Address: 1 Heathrow Boulevard, 286 Heath
City: West Drayton, Middlesex
State/Country: United Kingdom
Zip: UB7 0DQ



Additional name(s) of conveying party(ies) attached? [] Yes [x] No

Additional name(s) & address(es) attached? [] Yes [x] No

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

Execution Date: February 4, 1999

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: February 4, 1999

A. Patent Application No.(s)
SN.: N/A

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Lance J. Lieberman
Internal Address: Cohen, Pontani, Lieberman & Pavane
Street Address: 551 Fifth Avenue, 12th Floor
City: New York State: New York Zip: 10176

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41):.....\$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 03-2412
(Attach duplicate copy of this page if paying by deposit account)

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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.

Lance J. Lieberman
Name of Person Signing
Reg. No. 28,437

Signature

February 12, 1999
Date

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

3

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

PATENT
REEL: 9771 FRAME: 0250

Attorney Docket Number: 4525-20

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned, **Garegin MARKARIAN** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **NDS Limited** (hereinafter referred to as "ASSIGNEE"), a corporation of Great Britain, having a place of business at 1 Heathrow Boulevard, 286 Bath Road, West Drayton, Middlesex, UB7 0DQ United Kingdom, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which has been executed by the undersigned concurrently herewith, and which is entitled

RECOVERY OF A CARRIER SIGNAL FROM A MODULATED INPUT SIGNAL

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name, and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, 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 said improvements;

execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 02/04/99
month/day/year


Garegin MARKARIAN

Witness

Witness