

07-08-2002

U.S. DEPARTMENT OF COMMERCE  
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12/11

OMB No. 0651-0011



102146980

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

1. Name of conveying party(ies)  
Roy E. Mallory  
Neil Judell

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

7.2.02

2. Name and address of receiving party(ies)

Name: ADE CORPORATION

Street Address: 80 Wilson Way

City: Westwood State: MA Zip: 02090

Country: USA

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

3. Nature of conveyance:

- Assignment [ ] Merger
- Security Agreement [ ] Change of Name
- Other

Execution Date: 6/21/02 and 4/1/02, respectively.

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) 10/029,753 filed 10/29/01 B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Weingarten, Schurgin,  
Gagnebin & Lebovici LLP  
Ten Post Office Square  
Boston, Massachusetts 02109

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:

(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.

Attorney Name: Charles L. Gagnebin III  
Registration No. 25,467

Signature:

Date: 6-25-02

Total number of pages including cover sheet, attachments, and document: [4]

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

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PATENT  
REEL: 013048 FRAME: 0823

ADETC-075XX

PATENT

A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we

Roy E. Mallory, residing at 532 Springs Street, Bedford, Massachusetts 01730,

and

Neil Judell, residing at 9 Whispering Pines Drive, Andover, Massachusetts 01810,

hereby sell and assign to ADE CORPORATION, a Massachusetts corporation having a principal place of business at 80 Wilson Way, Westwood, Massachusetts 02090, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries, in and to our invention in

**SEPARATION OF PERIODIC AND NON-PERIODIC SIGNAL COMPONENTS**

and the United States Letters Patent therefor filed on October 29, 2001, Application No. 10/029,753, and any such patents as may issue thereon, and all divisions, reissues and continuations thereof.

And we hereby covenant that we have full right to make such assignment, and agree for ourselves and our executors and administrators that we will, at the expense of said ADE CORPORATION, execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said ADE CORPORATION, its successors and assigns, to obtain and enforce proper patent protection for said invention(s) in the United States, its territories and all foreign countries.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to ADE CORPORATION, its successors and assigns.

ADETC-075XX

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

Roy E. Mallory  
Roy E. Mallory

Date: 6/21/02

Allen Lockley  
Witness (Signature)

Date: 6-21-02

Allen Lockley  
Witness (Please Print Name)

ADETC-075XX

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals.

  
\_\_\_\_\_  
Neil Judell

Date: Apr. 1, 2002

  
\_\_\_\_\_  
Witness (Signature)

Date: Apr 1, 2002

Scott Andrews  
Witness (Please Print Name)

LBO/mdm/261267