

03-08-2002

12/11

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U.S. DEPARTMENT OF COMMERCE
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ADETC-075XX

To the Honorable Commissioner of P.
thereof.

102007372

Please record the attached original documents or copy

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

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

MRD
2/21/2

2. Name and address of receiving party(ies)

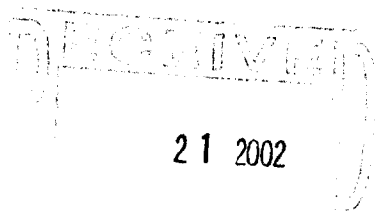
Name: ADE TECHNOLOGIES

Street Address: 77 Rowe Street

City: Newton State: MA Zip: 02466

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: 10/31/01; 11/6/01,
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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To the best of my knowledge and belief, the foregoing information is true and correct and any
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Attorney Name: Charles L. Gagnebin III
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Signature: *Charles L. Gagnebin III*
CLG/dkh/267050

Date: 2-22

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

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 TECHNOLOGIES, a Massachusetts corporation, having a principal place of business at 77 Rowe Street, Newton, Massachusetts 02466, 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(s) 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 TECHNOLOGIES, 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 TECHNOLOGIES, 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 TECHNOLOGIES, its successors and assigns.

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

Roy E. Mallory
Roy E. Mallory

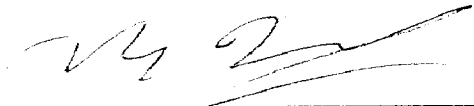
Date: 10/31/01

[Signature]
Witness (Signature)

Date: 10/31/01

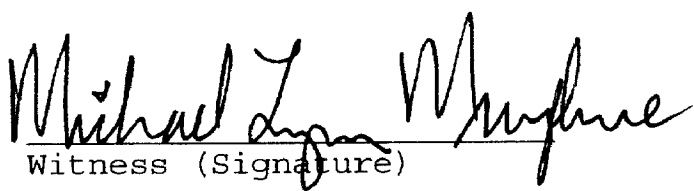
Nicholas C. Barbi
Witness (Please Print Name)

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



Neil Judell

Date: 11-6-01



Witness (Signature)

Date: 11/6/01

MICHAEL LYNN MURPHREE
Witness (Please Print Name)

CLG/LBO/mdm/261267