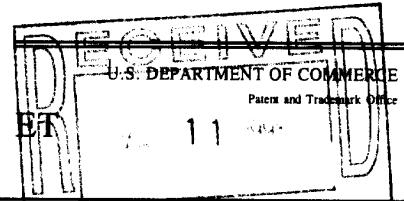


RECORDED

05-28-1998



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

1. Name of conveying party(ies)

Mark G. Libby
Ronald M. Parker

2. Name and address of receiving party(ies)

Name: Ascend Communications, Inc.

Internal Address: _____

Street Address: 1 Robbins Road

City: Westford State: Massachusetts Zip: 01886

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other _____

Execution Date: 1/30/98, 1/30/98 respectively

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)

B. Patent No.(s)

09/008,224

Additional numbers attached? ☐ Yes ☒ No

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

Weingarten, Schurgin, Gagnebin & Hayes 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)

DO NOT USE THIS SPACE

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.

Victor B. Lebovici

30,864

Name of Person Signing

Registration No.

Signature

Date

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

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, Mark G. Libby, residing at 28 Parkerville Road, S. Chelmsford, MA 01824, and Ronald M. Parker, residing at 7 Ayer Road, Acton, MA 01720, hereby sell and assign to ASCEND COMMUNICATIONS, INC., a Delaware corporation, having a principal place of business at 1 Robbins Road, Westford, Massachusetts 01886, 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

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SECURITY VALIDATION

and the application for United States Letters Patent therefor filed on January 16, 1998, Application No. 09/008,224, and such patents as may issue thereon and all divisions, reissues and continuations and continuations-in-part 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 ASCEND COMMUNICATIONS, INC., 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 ASCEND COMMUNICATIONS, INC., its successors and assigns, to obtain and enforce proper patent protection for said invention 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 ASCEND COMMUNICATIONS, INC., its successors and assigns.

CASCA-013XX

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

Mark G. Libby
Mark G. Libby
Commonwealth
~~State~~ of Massachusetts
County of *Middlesex*

Date: *1-30-1998*

)
) ss.
)

Subscribed and sworn to before me by the above-named Mark G. Libby this *30th* day of *January* 1998.

Margaret A. Siegling
Notary Public

My Commission Expires:

2/10/00

(Seal)

CASCA-013XX

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

Ronald M Parker
Ronald M. Parker

Date: Jan 30, 1998

Commonwealth
~~State~~ of Massachusetts

County of Middlesex

)
) ss.
)

Subscribed and sworn to before me by the above-named Ronald M. Parker this 30th day of January 1998.

Margaret A. Siegling
Notary Public

My Commission Expires:

2/10/00

(Seal)

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