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SHEET



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Assistant Commissioner for Patent

Document.

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09/03/98

1. Name of conveying party(ies):
Jeffrey Hoefler, John H. Wendell, Robert P. Parker, Thomas A. Froeschle and William P. Schreiber

2. Name and address of receiving party(ies):
**Bose Corporation
The Mountain
Framingham, MA 01701-9168**

Additional name(s) attached? Yes No

Additional names/addresses attached? Yes No

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

Execution Date: **August 26, 1998 and September 2, 1998**

4. Application number(s) or patent number(s):
If this document is being filed with a new application, the execution date of the application is: **August 26, 1998 and September 2, 1998**

A. Patent Application No.(s): B. Patent No.(s):

Additional numbers attached? Yes No

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

6. Total number of applications/patents involved: 1

**Charles Hieken, Reg. No. 18,411
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804**

7. Total fee (37 CFR 3.41): **\$40**
 Enclosed
 Authorized to charge deposit account

8. Deposit account number: **06-1050**
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Charles Hieken, Reg. No. 18,411
Name of Person Signing

Charles Hieken
Signature

SEP - 3 1998
Date

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

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Date of Deposit **September 3, 1998**

I hereby certify under 37 CFR 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patent, Washington, D.C. 20231.

Linda S. Hall
LINDA DiLALLA

**PATENT
REEL: 9442 FRAME: 0667**

09/14/1998 JMT/HRS
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ASSIGNMENT

For valuable consideration, we, Jeffrey Hoefler of Randolph, MA; John H. Wendell of Reading, MA; Robert P. Parker of Westboro, Massachusetts; Thomas A. Froeschle of Southboro, Massachusetts and William P. Schreiber, Ashland, Massachusetts hereby assign to Bose Corporation, a Delaware corporation having a place of business at The Mountain, Framingham, MA 01701-9168, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled WAVEGUIDE ELECTROACOUSTICAL TRANSDUCING, filed _____, and assigned U.S. Serial Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Framingham, MA, this 26 day of August, 1998
Jeffrey Hoefler L.S.

STATE OF Massachusetts:
COUNTY OF Middlesex: :ss.

Before me this 26th day of August, 1998, personally appeared Jeffrey Hoefler known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Charles Heiken
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Frammingham, MA,
this 26th day of August, 1998

John H. Wendell L.S.
John H. Wendell

STATE OF Massachusetts :
:ss.
COUNTY OF Middlesex :

Before me this 26th day of August, 1998, personally appeared

John H. Wendell known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes
therein contained.

Charles Hicken
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Frammingham, MA,
this 2nd day of September, 1998

Robert P. Parker L.S.
Robert P. Parker

STATE OF Massachusetts :
:ss.
COUNTY OF Middlesex :

Before me this 2nd day of September, 1998, personally appeared

Robert P. Parker known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes
therein contained.

Charles Hicken
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at FRAMINGHAM, MA,

this 26th day of AUGUST, 1998

Thomas A. Froeschle L.S.
Thomas A. Froeschle

STATE OF Massachusetts:

COUNTY OF Middlesex :ss.

Before me this 26th day of August, 1998, personally appeared

Thomas A. Froeschle known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Charles Heiken
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at FRAMINGHAM, MA,

this 26th day of August, 1998

William P. Schreiber L.S.
William P. Schreiber

STATE OF Massachusetts:

COUNTY OF Middlesex :ss.

Before me this 26th day of August, 1998, personally appeared

William P. Schreiber known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Charles Heiken
Notary Public

My Commission Expires:

[Notary's Seal Here]

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