

Substitute Form PTO-1595 Attorney Docket No.: 02103-460001 Client's Ref. No.: AABOSS68

SHEET

Commissioner for Patents:	Please record the attached origin	al document(s)	or copy(ies).				
Name of conveying part	y(ies):	2.	Name and address of receiv	ing party(ies):			
William M. Rabinowitz, Hilmar Lehnert, Keith D. Martin, Richard E. Saffran, Abhijit Kulkarni, and Finn Arnold			Bose Corporation The Mountain Framingham, Massachusetts 01701-9168				
Additional name(s) attached? ☐ Yes 図 No			United States of Amer	rica			
3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	9.9.00	3					
Execution Date: 8/27, 8/23/02; 8/22/02	/02; 8/21/02; 8/21/02; 8/22/	02;	Additional names/addre	esses attached? [] Yes [⊠ No	
4. Application number(s) or	r patent number(s):						
If this document is being	ng filed with a new application, the	execution date	of the application is:		- 11	j	
A. Patent Application N	lo(s).:		B: Patent No(s).:		>	1	
10/105,206					C		
	Additional r	umbers attach	ed? □ Yes 図 No		T-1	. "	
Name/address of party t document should be ma	o whom correspondence concernited:	ing 6.	Total number of applications	/patents involved:	10		
CHARLES HIEKE	N	7.	Total fee (37 CFR §3.41): \$	40	MOL		
Fish & Richardson			■ Enclosed			<u></u>	
225 Franklin Stree			☐ Authorized to charge De				
Boston, Massachu	ISERS 02 1 10-2004	8.	Deposit Account No.: 06-10	050			
			Please apply any additional Deposit Account No. 06-10		redits, to	o our	
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Name of Person Signing	Signature	!	D	ate			
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	I hereby certify under 37 CFR §1 first class mail with sufficient po Washington, D.C. 20231.						
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	Date of Deposit	Signature	Ty	CHARLES yped Name of Persor	Signing	g Certi	

PATENT REEL: 013270 FRAME: 0345

ASSIGNMENT

For valuable consideration, we, <u>WILLIAM M. RABINOWITZ</u> of <u>Bedford, MA</u>, <u>HILMAR LEHNERT</u> of <u>Framingham, MA</u>, <u>KEITH D. MARTIN</u> of <u>Hopedale, MA</u>, <u>RICHARD</u> <u>E. SAFFRAN</u> of <u>Southborough, MA</u>, <u>ABHIJIT KULKARNI</u> of <u>Newton, MA</u> and <u>FINN ARNOLD</u> of <u>Sutton, MA</u>, hereby assign to <u>Bose Corporation</u>, a <u>Delaware</u> corporation having a place of business at:

The Mountain Framingham, Massachusetts 01701-9168 United States of America; and

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 me, entitled AUTOMATIC AUDIO SYSTEM EQUALIZING, filed March 25, 2002, and assigned U.S. Serial Number 10/105,206; 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 I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my 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.

Page 1 of 7

IN WITNESS WHEREOF, I hereto set my hand and seal at Framingham, HA,
this 27th day of August, 2002 William M. Ralinout US. WILLIAM M. RABINOWITZ
State of Massachusetts :
: ss.
County of Middlesex :
Before me this 27 day of August, 2002, personally appeared WILLIAM M. RABINOWITZ known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. Clinateth Deffik Notary Public My Commission Expires: Aug. 1, Jeo 8
[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Francingham, MA, this 21 day of highest, 2002. HILMAR LEHNERT L.S.
State of Massachusetts :
County of Middlesex :
Before me this day of 1, 2002, personally appeared HILMAR LEHNERT known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
Notary Public My Commission Expires: August 1, 2008
[Notary's Scal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Framinghem, MA,
this 21st day of August, 2002.
L.S.
KEITH D. MARTIN
State of Massachusetts :
: ss.
County of Middlesex :
Before me this 215h day of August, 2002, personally
appeared KEITH D. MARTIN known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.
Elizabeth Deeffak Notary Public
My Commission Expires: April 1 Jeve 8
Notary Public My Commission Expires: August 1, Jees 8 [Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Framingham, HA, this 22nd day of August, 2002 RICHARD E. SAFFRAN L.S.
State of Massachusetts :
: ss.
County of Middlesex :
Before me this 22 nd day of Hugust, 2002, personally appeared RICHARD E. SAFFRAN known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.
Elizabeth Duffek Notary Public
Notary Public My Commission Expires: August 1, 2008 [Notary's Seal Here]
[Notary's Seal Here]

Page 5 of 7

IN WITNESS WHEREOF, I hereto set my hand and seal at Framinghum, MA,
this 23 day of August, 2002. Abhit Kulkan. L.S.
Abhirt Kulkann L.S.
ABHIJIT KULKARNI
State of Massachusetts :
: ss.
County of Middlesex :
Before me this $\frac{23^{-6}}{}$ day of $\frac{4 ugust}{}$, 2002, personally appeared
ABHIJIT KULKARNI known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
Notary Public My Commission Expires: A way wit 9 2008
My Commission Expires: August 9 2008
[Notary's Seal Here]

In Witness Whereof, I hereto set my hand and seal at Framing Glam MA,
this 22 not day of August, 2002.
L.S.
FINN ARNOLD
State of Massachusetts :
: ss.
County of Middlesex :
Before me this 22 md day of August, 2002, personally appeared
FINN ARNOLD known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
Elegabeth Daffek Notary Public
My Commission Expires: August 7, June 8
[Notary's Seal Here]

PATENT REEL: 013270 FRAME: 0352

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