Form PTO-1595 RE 04 - 29 - 20 (Rev. 03/01)	DO2 EET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)	ASSE 2001 (BD 127)
Tab settings ⇒ ⇒ ▼ 1020705	and the same same same same same same same sam
To the Honorable Commissioner or Faterits and Trademarks: F	riease Record the attached original documents or copy thereof.
Name of conveying party(ies):     Brian R. Thornton     Christian J. Kulujian     William C. Cesaroni  Additional name of conveying party(ies) attached? ☐ Yes ☒ No	Name and address of receiving party(ies)  Name: Shure Incorporated  Internal Address:
3. Nature of conveyance:	Street Address: 222 Hartrey Avenue
☐ Security Agreement ☐ Change of Name	City: Evanston State: IL Zip: 60202
Other	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date: December 21, 2001; December 27, 2001	, taditional traine(c) a dedresse(es) attached. El tes 23 tte
If this document is being filed together with a new application  A. Patent Application No.(s)  Additional numbers atta	B. Patent No.(s) 39115377
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Jason Shull	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: Banner & Witcoff	☐ Enclosed
memai / tear oosi	☐ Enclosed ☐ Authorized to be charged to deposit—accounts
Street Address: Ten South Wacker Drive	8. Deposit account number:  01-0850  (Attach duplicate copy of this page if paying by deposit account)
Suite 3000 State: IL Zip: 60606	
	E THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and coffect antrary attached copy is a true copy of the original document.  Jason Shull  Name of Person Signing  Total number of pages including cover sheet, attachments, and documents:	

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Form PTO(595 RECO (Rev. 03/01) ON B No. 0651-0027 (exp. 5/31/2002)  Tab settings   □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks.	ed original documents or copy thereof.
Name of conveying party(ies):     Brian R. Thornton     Christian J. Kulujian     William C. Cesaroni  Additional name of conveying party(ies) attached? □ Yes ☑ No	2. Name and address of receiving party(ies)  Name: Shure Incorporated  Internal Address:
3. Nature of conveyance:  ☐ Merger	Street Address: 222 Hartrey Avenue
☐ Security Agreement ☐ Change of Name	City: Evanston State: IL Zip: 60202
Other  Execution Date:	Additional Name(s) & address(es) attached? ☐ Yes ☒ No
If this document is being filed together with a new application A. Patent Application No.(s)  Additional numbers atta	B. Patent No.(s)  ached?  Yes  No
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1
Name: Jason Shull	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: Banner & Witcoff	☐ Enclosed ☐ Authorized to be charged to deposit account
	8. Deposit account number: 01-0850
Street Address: Ten South Wacker Drive  Suite 3000  City: Chicago State: IL Zip: 60606	(Attach duplicate copy of this page if paying by deposit account)
DO2 AAHMED1 00000142 010850 29153778 DO NOT USE THIS SPACE	
To the best of my knowledge and belief, the foregoing informis a true copy of the original document.  Jason Shull  Name of Person Signing	Signature  Cover sheet, attachments, and documents: 4

Nail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

## **ASSIGNMENT**

Attorney Docket No.: 10886.00194

Serial Number: Filing Date:

Inventors: Brian R. Thornton; Christian J. Kuluğian; William C. Cesaroni

Date of Execution of Application:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

## SHURE INCORPORATED

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

## **VOCAL MICROPHONE (PG58 and PG48)**

and identified as:

## Attorney Docket No. 10886.00194

in the offices of Banner & Witcoff, Ltd. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said

Attorney Docket No. 10886.00194

BANNER & WITCOFF, LTD. Ten South Wacker Drive Chicago, Illinois 60606 (312) 715-1000

> PATENT REEL: 012823 FRAME: 0690

invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignes, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

assignment had not been made.
WITNESS my hand and seal this day of December, 2001.
State of Cook Brian R. Thornton
The foregoing instrument was acknowledged before me this 2 day of December, 2001 by Brian R. Thornton.  "OFFICIAL SEAL" LITA A. WILBURN Notary Public, state of Illinois My Commission Expires 04-04-02  WITNESS my hand and seal this 21 day of Dec. , 2001.
State of County of  The foregoing instrument was acknowledged before me this 27 day of
NOTARY PUBLIC

BANNER & WITCOFF, LTD. Ten South Wacker Drive Chicago, Illinois 60606 (312) 715-1000 Attorney Docket No. 10886.00194

2

WITNESS my hand and seal this 27 day of December

State of

County of

instrument was acknowledged foregoing before me this of

\_\_\_\_, 2001 by William C. Cesaroni.

NOTARY PUBLIC

Attorney Docket No. 10886.00194

BANNER & WITCOFF, LTD. Ten South Wacker Drive Chicago, Illinois 60606 (312) 715-1000

**RECORDED: 01/11/2002** 

3

**PATENT** REEL: 012823 FRAME: 0692