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10-06-1998

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. 04788.0239

To the Assistant Commissioner 1 1008

100844728

Please record the attached original accuments	OI COPY LIMETED F. ATTN. BOX ASSIGNMENTS	
1. Name of conveying party(ies): Seiji FUNAKAWA	2. Name and address of receiving party(ies):	
Additional names(s) of conveying party(ies) attached?Yes XX_No	Internal Address:	
3. Nature of conveyance:  X Assignment Merger Security Agreement Change of Name Other  Execution Date: September 17, 1998	Street Address: 19-7, Kamata 4-chome, Ota-ku, Tokyo, Japan  City: State: ZIP:  Additional name(s) & address(es) attached?	
4. Application number(s) or patent number(s):	Yes XX_No	
If this document is being filed together we the execution date of the application is:	vith a new application,	
A. Patent Application Nos.  09/160 44 2  Additional numbers attack	B. Patent No.(s)  ched?YES _X_NO	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved 1	
Name: Mr. Ernest F. Chapman Internal Address: Finneqan, Henderson, Farabow, Garrett & Dunner, L.L.P. Street Address:	7. Total fee (37 CFR 3.41): \$40.00  X Enclosed  Authorized to be charged to deposit account	
1300 I Street, N.W.  City: Washington, D.C.  State: ZIP: 20005		
9. Statement and signature.  To the best of my knowledge and belief, the and any attached copy is a true copy of the Ernest F. Chapman  Name of Person Signing Signature.  Sig	se original document.  September 25, 1998	
Total number of pages including	cover sheet, attachments and document: 2	

SOLE/JOINT INVENTION (U.S. Rights Only)

## ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

EXTERNAL RESONAT	OR LIGHT SOURCE	
for which I/WE executed an appli herewith or on <u>September 17, 19</u> Patent on	ication for United States 98 or filed an applica	ation for United States Letters
WHEREAS, Ando Electr	ic Co., Ltd.	,
a corporation of Japan		,whose post office
address is 19-7, Kamata 4-chome		
	on, the application for Ur	curing the entire right, title, and nited States Letters Patent on this application;
which from assignee is hereby actransferred, and set over, and dassignee, its lawful successors and to this invention and this and all Letters Patent of the Unthereof; and I/WE hereby authori	cknowledged, I/WE, as assido hereby sell, assign, transand assigns, my/our entires application, and all divisionated States which may be ize and request the Commissional Letters Patent for this	ransfer, and set over unto the re right, title, and interest in sions, and continuations thereof, granted thereon, and all reissues sioner of Patents and Trademarks invention to assignee, its suc-
me/us respecting this invention when called upon to do so, executes assigns, execute all divisional, oaths and generally do everythin obtain and enforce proper patent	assignee, its successors and testify in any legal ate and deliver all papers to this invention in said, continuation, and reissung possible to aid assignet protection for this invese incident to the executi	and assigns, any facts known to proceeding, sign all lawful papers that may be necessary or assignee, its successors and ne applications, make all rightfulee, its successors and assigns, to
AND, I/WE HEREBY authorize Declaration and Power of Attorne (Application No, fi application number of said appli	ey in this application, to iled	
IN TESTIMONY WHEREOF, I/We	have hereunto set our har	nd(s).
1. Full Name of Sole or First As Seiji Funakawa	ssignor: Assignor's Signa : Seifi Fungka	ture : Date
Address c/o Ando Electric Co., Ltd., 19		
2. Full Name of Second Assignor	: Assignor's Signa	
Address	:	: Citizenship
3. Full Name of Third Assignor	: Assignor's Signa	ture : Date
Address		: Citizenship
		• CTCTGERBITE

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER . WASHINGTON, D.C.

PATENT REEL: 9482 FRAME: 0687

**RECORDED: 09/28/1998**