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To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Masao NISHIDA and Tetsuro SAWAI

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

2. Name and address of receiving party:

Name: SANYO ELECTRIC CO., LTD.

Street Address:

5-5. Keihanhondori 2-chome,

Moriguchi-shi, Osaka-fu 570-8677, Japan

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

3. Nature of conveyance: Assignment

Execution Dates: May 29, 1998 and June 1, 1998

4. Title:

04 FC:581

06/09/1998 IPPEDLES 00000077 PERSONANCE CIRCUIT AND RESONANCE CIRCUIT

5. Application number(s) br patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 29, 1998 and June 1, 1998

Additional numbers attached? Yes No XX

PATENT REEL: 9223 FRAME: 0642

6. Name and address of party to whom correspondence concerning document should be mailed:
Name: Armstrong, Westerman, Hattori, McLeland & Naughton Suite 1000 1725 K Street, N.W.
Washington, D.C. 20006
7. Total number of applications and patents involved: 1
8. Total fee (37 CFR 3.41)
XX Check enclosed
9. Deposit Account No.: <u>01-2340</u>
10. 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.
William G. Kratz, Ir. Reg. No.: 22,631
Total number of pages including cover sheet: 3
WGK/tmb

Armstrong, Westerman, Hattori, McLeland & Naughton

Docket No				
U.S. ASSIGNMENT				
IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable				
consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by				
SANYO ELECTRIC CO., LTD. of 5-5 Keihanhondori 2-chome, Moriguchi-shi, Osaka-fu 570-				
8677, Japan				
(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned				
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title				
and interest to the invention entitled				
INTEGRATED CIRCUIT AND RESONANCE CIRCUIT				
for which application for Letters Patent of the United States was executed on even date herewith				
unless otherwise indicated below:				
*filed on, Serial No				
(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series				
code, serial number and/or filing date hereon, when known)				
and all Letters Patent of the United States to be obtained therefor on said application or any				
continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for				
which the same may be granted.				
The ASSIGNOR agrees to execute all papers necessary in connection with the application and				
any continuation, divisional, reissue or reexamination applications thereof and also to execute				
separate assignments in connection with such applications as the ASSIGNEE may deem				

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

necessary or expedient.

PATENT REEL: 9223 FRAME: 0644

signature(s).		
Trans Julide	Masao Nishida	Hay 29, 1998
(SIGNATURE)	(TYPE NAME)	(DATE)
Seture Law ai	Tetsuro Sawai	June 1 , 1998
(SIGNATURE)	(TYPE NAME)	(DATE)
(SIGNATURE)	(TYPE NAME)	(DATE)

IN WITNESS WHEREOF, the undersigned inventor(s) has(have) affixed his/her/their