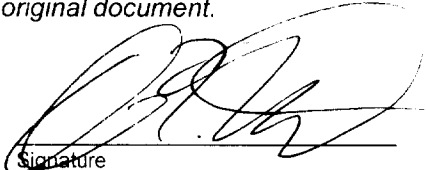


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PATENT

R.

HEET

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1. Name of conveying party(ies): Kenichi Nakajima Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Sanyo Electric Co., Ltd. 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 03/20/2002			
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: 03/20/2002 A. Patent Application No(s): 10/029,893 B. Patent No(s):  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name/address of party to whom correspondence concerning document should be mailed: CHRIS T. MIZUMOTO Fish & Richardson P.C. 45 Rockefeller Plaza, Suite 2800 New York, New York 10111		6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
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Chris T. Mizumoto Reg. No. 42,899 Name of Person Signing		 Signature	
		March 28, 2002 Date	
Total number of pages including coversheet, attachments and document: 4			

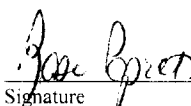
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04/18/2002 TDIAZ1 00000222 10029893  
01 FC:581 40.00 OP

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**PATENT**  
**REEL: 012793 FRAME: 0963**

Assignment

譲渡

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配慮の故に、文末に署名した者は、

(住所)

(以下「譲渡人」と呼ぶ)と、その承継人および譲受人  
に対して、

(発明の名称)

弁護士登録番号:

という名称で知られ、以下に署名した者が以下に記した日  
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執行後に追加されるものとする。

シリアル・ナンバー

登録年月日:

For good and valuable consideration, the receipt and  
sufficiency of which are hereby acknowledged, the  
undersigned hereby assign(s) over to:

**SANYO ELECTRIC CO., LTD.**

Having the address:

**5-5, Keihan Hondori 2-chome,  
Moriguchi-shi, Osaka, Japan**

(hereinafter designated as the "ASSIGNEE"), its suc-  
cessors and assigns, the entire right, title, and inter-  
est for the United States in the invention, and all  
applications for patent and any Letters Patent which  
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and all United States Letters Patents which may be  
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tions, and extensions thereof, the said interest being  
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have been enjoyed by assignor(s) if this assignment  
had not been made, the application being known by  
the title:

**VERTICAL RAMP WAVE GENERATING CIRCUIT**

Attorney Docket no.:

**10417-111001**

for the which the undersigned has/have executed an  
application for patent in the United States of  
America on the same day herewith. Where this  
instrument is not filed concurrently with the applica-  
tion, the following identifying information may be  
added after execution:

Serial No.

Filing Date:

# Assignment

## 譲渡

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1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-nmaed application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise secure the title thereto to the ASSIGNEE.

2. The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

3. The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) teh Commisioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement any further identification which may be necessary or desirable in order to comply with the rules of the United States patent and Trademark Office for recordation of this document.

# Assignment

譲渡

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IN WITNESS THEREBY, executed by the undersigned on the date(s) opposite the undersigned Name(s)

\_\_\_\_\_  
年月日 氏名(横書):

20/March/2002 Kenichi Nakajima  
Date Typed Name Kenichi Nakajima

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name

以上を確認のうえで、下記の者が下記の氏名に並んで記された日に各自、署名して本書を発効させるものである。

This assignment may be signed before a U.S. notary Public or before at least two witnesses who also sign here:

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name

\_\_\_\_\_  
年月日 氏名(横書):

\_\_\_\_\_  
Date Typed Name