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04-19-2002

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102060888

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

Submission type: XX New

04/15/02

Conveyance type: XX Assignment

04/15/02  
10/12/01  
JCT14, J.S. PTO

**Conveying Party(ies):**

Execution Date

First party Name: **IMAOKA, Toshikazu**

**April 10, 2002**

Second party Name:

Third party Name:

Fourth party Name:

Fifth party Name:

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

**Receiving Party (ies):**

First party Name: **SANYO ELECTRIC CO., LTD.**  
Address: 2-5-5, Keihanhondori, Moriguchi-shi,  
Osaka 570-8677, Japan

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

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

**ARMSTRONG, WESTERMAN & HATTORI, LLP**  
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## Correspondent Name and Address

ARMSTRONG, WESTERMAN & HATTORI, LLP  
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**Pages** Enter the total number of pages of the attached conveyance document: 2  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)  
##

B. Patent No.(s)  
##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: April 10, 2002  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**

PCT \_\_\_\_\_

Enter PCT application number only if  
a U.S. Application Number has not been assigned

PCT \_\_\_\_\_  
PCT \_\_\_\_\_

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

XX Enclosed☐ Authorized to be charged to Deposit Account No.: 01-2340**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 L. Brooks  
Name of Person Signing

William L. Brooks  
Signature

April 15, 2002  
Date

34,129  
Registration 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

(Insert ASSIGNEE's SANYO ELECTRIC CO., LTD. of 2-5-5 Keihanondori, Moriguchi-shi,  
Name(s) Address(es)) Osaka 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**

(Title of Invention) VOLTAGE CONTROLLED OSCILLATOR AND PHASE-LOCKED  
OSCILLATOR USING THE SAME

(\*If the assignment is for which application for Letters Patent of the United States was executed on even date herewith being filed after the unless otherwise indicated below:

filing of the

application, this

section must be

completed)

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the serial 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 necessary or expedient.

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.

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

Toshikazu Imaoka  
(Signature)

Toshikazu Imaoka  
(Type Name)

10/04/2002  
(Date)