

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shinichi Yamane	08/28/2002
Seiji Watanabe	08/28/2002
RECEIVING PARTY DATA	
Name:	Matsushita Electric Industrial Co., Ltd.
Street Address:	1006, Oaza Kadoma, Kadoma-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-8501
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	7034622
Patent Number:	7362186
Application Number:	11805556
CORRESPONDENCE DATA	
Fax Number:	(315)425-9114
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	315-425-9000
Email:	bsaltsman@cny-iplaw.com
Correspondent Name:	Marjama Muldoon Blasiak & Sullivan LLP
Address Line 1:	250 South Clinton Street
Address Line 2:	Suite 300
Address Line 4:	Syracuse, NEW YORK 13202
ATTORNEY DOCKET NUMBER:	967-033,033CON,033CON2
NAME OF SUBMITTER:	George S. Blasiak

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**PATENT**  
**REEL: 021380 FRAME: 0200**

Total Attachments: 2  
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source=Assignment#page2.tif

# ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Shinichi YAMANE (5) \_\_\_\_\_  
 (2) Seiji WATANABE (6) \_\_\_\_\_  
 (3) \_\_\_\_\_ (7) \_\_\_\_\_  
 (4) \_\_\_\_\_ (8) \_\_\_\_\_

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) Matsushita Electric Industrial Co., Ltd.

(10) Insert address of Assignee

(10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(11) PHASE-LOCKED LOOP CIRCUIT AND DATA REPRODUCTION APPARATUS (Case No. 967 033)

for which the undersigned have executed an application for patent in the United States of America

(12) Insert Date of Signing of Application

(12) on August 28, 2002

(13) Alternative identification

(13) U.S. Application(s) Serial Number(s) 10/197,021  
 for filed application(s) filed July 17, 2002

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned 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 or similar agreements.

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

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s), of WALL MARJAMA & BILINSKI the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 8/28/02 Signature *Shinichi Yamane* (SEAL)  
Shinichi YAMANE

Date 8/28/02 Signature *Seiji Watanabe* (SEAL)  
Seiji WATANABE

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date 8/28/02 Witness *Masao Takiguchi*

Date 8/28/02 Witness *Kazuhiko Nishikawa*