## A 10581-40 10/529399 JC17 Rec'd PCT/PTO 28 MAR 2005

Attorney Docket No.: 052279 10-07-2005

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103096542 PATENTS ONLY

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

Submission type:

XX New

Conveyance type:

XX Assignment

Conveying Party(ies):

(Last, First, Middle Initial)

**Execution Date** 

First party

Name:

BAN, Takeshi

March 10, 2005

Second party

Name:

FURUKAWA, Atsushi

March 8, 2005

Third party

Name:

INAMI, Akiko ITOU, Yachiyo March 8, 2005 March 8, 2005

Fourth party Fifth party

Name: Name:

SUGIYAMA, Takashi

March 8, 2005

Sixth party

Name:

USUI, Noriyoshi

March 10, 2005

Seventh party

Name:

NAKADA, Masao

March 11, 2005

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

Receiving Party (ies):

First party

Name:

SANYO ELECTRIC CO., LTD.

Address: 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan

Additional name(s) & address (es) attached?

**Domestic Representative Name and Address** 

(Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

1250 Connecticut Avenue, N.W., Suite 700

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**PATENT** REEL: 017052 FRAME: 0629

Page 2						
Correspondent Name and Address	Telephone: 202-822-1100					
WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP						
1250 Connecticut Avenue, N.W.,	, Suite 700					
Washington, D.C. 20036						
Pages Enter the total number of pages of the attached conveyance document: _1_						
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##						
If this document is being filed together with a new applicate	tion, enter the date the application was signed					
by the first named executing inventor: March 10, 2005						
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Patent Cooperation Treaty (PCT) PCT PCT/JP2003/012378						
Enter PCT application number only if PCT						
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Number of Properties Enter the total number of properties involved: 1						
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)						
XX Enclosed						
Authorized to be charged to Deposit Account No.: 50-2866						
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.						
Ken-Ichi Hattori						
Name of Person Signing	Signature					
March 28, 2005	32,861					
Date	Registration No.					
Rev. 11/00						

KH/yap

PATENT REEL: 017052 FRAME: 0630

Docket No	Westerman, Hattori, Daniels & Adr	ian, LLP
	TT C A	

## 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 Name(s) Address(es))

SANYO ELECTRIC CO., LTD.

5-5, Keihan-Hondori 2-chome, Moriguchi-shi, 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)

**MOBILE DIGITAL DEVICES** 

(\*If the assignment is being filed after the filing of the application, this section must be completed)

for which	application	for	Letters	Patent	of	the	United	States	was	executed	on	even	date	herewith
unless oth	erwise indic	ated	below:											

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_

(Westerman, Hattori, Daniels & Adrian, LLP 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 therefore 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).

(Signatures)

Takeshi Ban	BAN Takeshi	10 March, 2005				
(Signature)	(Type Name)	(Date)				
Atsushi Funukawa	FURUKAWA Atsushi	8 March , 2005				
(Signature)	(Type Name)	(Date)				
Akiko Inami	INAMI Akiko	8 March, 2005				
(Signature)	(Type Name)	(Date)				
Itou Yachiyo	ITOU Yachiyo	& March, 2005				
(Signature)	(Type Name)	(Date)				
Flakashi Suzuyamor _ (Signature)	SUGIYAMA Takashi	8 March, 2025				
(Signature)/	(Type Name)	(Date)				
Moreyoche Usui	USUI Noriyoshi	10 Harch, sout				
V (Signature)	(Type Name)	(Date)				
Masao Nakada (Signature)	NAKADA Masao (Type Name)	11. March, 2005.				
(Dignature)	(Type Name)	(Date)				

NO LEGALIZATION REQUIRED

RECORDED: 03/28/2005

PATENT REEL: 017052 FRAME: 0631