

A/10581-40

10/529399

JC17 Rec'd PCT/PTO 28 MAR 2005

3/28/05

Attorney Docket No.: 052279

10-07-2005

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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 | March 8, 2005 |
| Fourth party | Name: ITOU, Yachiyo | March 8, 2005 |
| Fifth party | 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? Yes ____ No XX

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

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
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04/04/2005 LLANDGRA 00000030 10529399

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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.

(Insert ASSIGNEE's
Name(s) Address(es))

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 otherwise indicated 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)

| | | |
|--|--|---------------------------------|
| <u>Takeshi Ban</u> (Signature) | <u>BAN Takeshi</u> (Type Name) | <u>10 March, 2005</u> (Date) |
| <u>Atsushi Furukawa</u> (Signature) | <u>FURUKAWA Atsushi</u> (Type Name) | <u>8 March, 2005</u> (Date) |
| <u>Akiko Inami</u> (Signature) | <u>INAMI Akiko</u> (Type Name) | <u>8 March, 2005</u> (Date) |
| <u>Ito Yachiyo</u> (Signature) | <u>ITOU Yachiyo</u> (Type Name) | <u>8 March, 2005</u> (Date) |
| <u>Takashi Sugiyama</u> (Signature) | <u>SUGIYAMA Takashi</u> (Type Name) | <u>8 March, 2005</u> (Date) |
| <u>Noriyoshi Usui</u> (Signature) | <u>USUI Noriyoshi</u> (Type Name) | <u>10 March, 2005</u> (Date) |
| <u>Masao Nakada</u> (Signature) | <u>NAKADA Masao</u> (Type Name) | <u>11 March, 2005</u> (Date) |

NO LEGALIZATION REQUIRED