

08-06-2004

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Mana HAMADA and Shunichi KUROHMARU

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☐ Security Agreement           ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: May 10, 2004 and May 12, 2004,  
respectively

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd.Street Address: 1006, Oaza Kadoma, Kadoma-Shi,  
Osaka, 571-8501 JapanAdditional name(s) & address(es) attached? No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
10/832,266, filed April 27, 2004B. Patent No.(s)  
, issuedAdditional numbers attached? 0

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Jeffrey R. Filipek, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). . . . . \$ 40.00☒ Enclosed (Check No. 63257)  
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*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.*Jeffrey R. Filipek, Reg. No. 41,471  
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PATENT  
 REEL: 015646 FRAME: 0020

**ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

**Mana HAMADA and  
Shunichi KUROHMARU**

hereby sells, assigns, and transfers to **Matsushita Electric Industrial Co., Ltd.**

a corporation of **Japan**,

having a place of business at **1006, Oaza Kadoma, Kadoma-Shi, Osaka,  
571-8501 Japan**,

its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, including the right to claim priority, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which:

\_\_\_\_\_ has been executed by the undersigned concurrently herewith,

\_\_\_\_\_ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_,

Attorney Docket No. 2004\_0643A, and is entitled:

**IMAGE DECODING UNIT, IMAGE ENCODING/ DECODING DEVICES  
USING IMAGE DECODING UNIT, AND METHOD THEREOF**

and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements, together with the right to sue for past damages, if any;

Agree(s) that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements, execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant(s) with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned. I/We hereby authorize my/our attorneys, authorized to prosecute said application to insert the filing date and serial number of the said application as soon as it is known.

The undersigned declare(s) further that all statements made herein of his/their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this assignment, patent or patent application and any patent issuing thereon.

署名日(日/月/年)

*Mana Hamada*

Mana HAMADA (Signature)

*10 / 05 / 2004*

Date (D/M/Y)

署名日(日/月/年)

*Shun-ichi Kurohmaru*

Shunichi KUROHMARU (Signature)

*12 / 05 / 2004*

Date (D/M/Y)