

10-18-2005



U.S. DEPARTMENT OF COMMERCE  
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Attorney Docket No. 520.45514X00

To the Director of the U.S. Patent and Trademark Office

103102167

ments or the new address(es) below.

1. Name of conveying party(ies):

Wataru ECHIGOYA  
Kuninari ARAKI  
Tsuyoshi KUBOTA  
Takashi MISEKI

2. Name and address of receiving party(ies)

Name: **HITACHI HOME & LIFE SOLUTIONS, INC.**

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) September 28, 2005, September 28, 2005,  
September 28, 2005, September 28, 2005

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

Street Address: 15-12, Nishi Shimbashi 2-chome  
Minato-ku, Tokyo, Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent numbers(s):



This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent Registration No.(s)

Additional number(s) attached ☐ Yes ☒ No

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

Name: **ANTONELLI, TERRY, STOUT & KRAUS, LLP**

Internal Address:

**1300 NORTH 17<sup>TH</sup> STREET - SUITE 1800**

City: **ARLINGTON** State: **VA** Zip **22209**

Phone Number: 703-312-6000

Fax Number: 703-312-6666

Email Address: email@antonelli.com

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**

- ☒ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1065  
Expiration Date 06/06

b. Deposit account number: **01-2135**

Authorized User Name Alan E. Schiavelli

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**Alan E. Schiavelli, Reg#32,087**

Name of Person Signing

Signature

**10/11/2005**

Date

Total number of pages including cover sheet, attachments, and document: **2**

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PATENT  
REEL: 017081 FRAME: 0137

( 讓 渡 証 )

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi Home & Life Solutions, Inc., a corporation organized under the laws of Japan, located at 15-12, Nishi Shimbashi 2-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Home & Life Solutions, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

invented by me (if only one is named below ) or us (if plural inventors are named below ) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Home & Life Solutions, Inc., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Home & Life Solutions, Inc.

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) Wataru Echigoya

9/28/05

2) Kuninari Araki

9/28/05

3) Tsuyoshi Kubota

9/28/05

4) Takeshi Miseki

9/28/05

5) \_\_\_\_\_

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6) \_\_\_\_\_

7) \_\_\_\_\_

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8) \_\_\_\_\_

9) \_\_\_\_\_

10) \_\_\_\_\_

**PATENT**  
**REEL: 017081 FRAME: 0138**