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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
ARAI, Yutaka
HOSODA, Yuuji
EGAWA, Saku
SADAMORI, Hiroyuki
TANAKA, Hirofumi
YAMAMOTO, Wataru
TAJIMA, Taiji
HATTORI, Makoto

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

2. Name and address of receiving party(ies)
Name: (1) **Hitachi, Ltd.**

Street Address: (1) 6, Kanda Surugadai, 4-chome, Chiyoda-ku, Tokyo, Japan

Name: (2) **Hitachi Home & Life Solutions**

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

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____.

Execution Date: **February 24, 25, 26, 29 & March 10, 2004**

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)

10/791,775 Filed March 4, 2004

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 Seventeenth Street
Suite 1800
Arlington, VA 22209
USA

City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved [1]

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

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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9. 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.

Paul J. Skwierawski Reg#32,173 — Name of Person Signing
Signature
08/05/2004 — Date

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

Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENT
（譲渡証）

IN CONSIDERATION of the sum of One Dollar ($1.00) or the equivalent thereof, and other good and valuable consideration paid to Yutaka ARAI, Yuuji HOSODA, Saku EGAWA, Hiroyuki SADAMORI, Hirofumi TANAKA, Wataru YAMAMOTO, Taiji TAJIMA, and Makoto HATTORI,
citizens of Japan by HITACHI, LTD., and Hitachi Home & Life Solutions, Inc., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 15-12, Nishi Shimbashi 2-chome, Minato-ku, Tokyo, Japan, respectively, receipt of which is hereby acknowledged, we, the said Yutaka ARAI, Yuuji HOSODA, Saku EGAWA, Hiroyuki SADAMORI, Hirofumi TANAKA, Wataru YAMAMOTO, Taiji TAJIMA, and Makoto HATTORI, do hereby sell and assign to said HITACHI, LTD., and Hitachi Home & Life Solutions, Inc., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

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invented by us 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, LTD., and Hitachi Home & Life Solutions, Inc., their 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Home & Life Solutions, Inc.

Signed on the date(s) indicated aside signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) Yutaka Arai	Feb. 24. 2004
2) ~~Yuuji Hosoda~~ Yuuji Hosoda Y.H.	Feb. 24. 2004
3) Saku Egawa	Feb 25. 2004
4) Hiroyuki Sadamori	Feb. 24. 2004
5) Hirofumi Tanaka	Mar. 10. 2004
6) Wataru Yamamoto	Feb. 29. 2004
7) Taiji Tajima	Feb. 26. 2004
8) Makoto Hattori	Feb. 24. 2004
9)	
10)	