

01-08-2003

To the Honorable Commissioner of Patents and Trademarks **102331732** .nal documents or copy thereof.

1. Name of conveying party(ies):

Hidenari MATSUKUMA

Manabu DOHI

Hiroshi HONMA

Hiroshi SHIMA

12-31-02

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: December 11, 2002;
December 12, 2002 and
December 16, 2002

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

Name: Hochiki Corporation

Address: 10-43, Kamiosaki, 2-chome,
Shinagawa-ku, Tokyo 141-8660
JAPAN

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

11040 U.S. PTO
10/331616
12/31/02

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: **12/31/2002**

A. Patent Application No.(s)

10,331,616

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

BLANK FOME COMISKY & MCCAULEY LLP
THE FARRAGUT BUILDING
SUITE 1000
900 17TH STREET, NW
WASHINGTON, DC 20006

6. Total 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: 23-2185

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Michael D. White

Name of Person Signing

Signature

December 31, 2002

Date

Registration Number: 32,795

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

01/03/2003 ADSMAN1 00000083 10331616

01 FC:8021

40.00 00

000560.00000/35307519v1

PATENT
REEL: 013628 FRAME: 0463

ASSIGNMENT

(1) Hidenari MATSUKUMA

(2) Manabu DOHI

(1-4) Insert Name(s)
of Inventor(s)

(3) Hiroshi HONMA

(4) Hiroshi SHIMA

In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, transfer and set over to

(5) Insert Name of
Assignee

(5) HOCHIKI CORPORATION

(6) Insert Address of
Assignee

(6) 10-43, Kamiosaki, 2-chome, Shinagawa-ku, Tokyo 141-8660, Japan

(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America

(7) Insert
Identification of
Invention, such as
Title, Case # or For.
Appl. No.

(7) Light Scattering Type Smoke Sensor

for which the undersigned has (have) executed an application for patent in the United States of America

(8) Insert Date of
signing of application(8) on December 11, 2002; December 12, 2002 and
December 16, 2002

and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of BLANK ROME COMISKY & McCAULEY LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>16/12/2002</u>	Signature of Inventor	<u>Hidenari Matsukuma</u> (seal) Hidenari MATSUKUMA
Date <u>11/12/2002</u>	Signature of Inventor	<u>Manabu Dohi</u> (seal) Manabu DOHI
Date <u>12/12/2002</u>	Signature of Inventor	<u>Hiroshi Honma</u> (seal) Hiroshi HONMA
Date <u>11/12/2002</u>	Signature of Inventor	<u>Hiroshi Shima</u> (seal) Hiroshi SHIMA

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness Tomonori Mukaigawa

Witness Tomoya Yamamoto