

03-10-2003



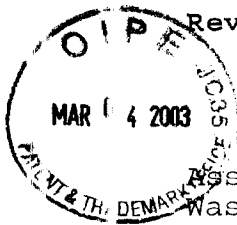
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Patent and Trademark Office

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please record the original documents or copy thereof.

- Name of conveying party(ies): Katsuyuki ISHIKAWA
1-3-1-501 Ukima
Kita-ku, Tokyo JAPAN

Additional Names Attached? Yes No

- Name and address of receiving party(ies)

Name: Taiheiyo Cement Corporation
 Internal Address: 3-8-1, Nishikanda
Chiyoda-ku, Tokyo, 101-8357 JAPAN
 Street Address: same

City: _____ State: _____ Zip: _____
 Additional Names Attached? Yes No

- Nature of Conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other Corrective Assignment for Reel 012522/Frame 0504

Execution Dates

Execution Date: January 9, 2002, January 10, 2002,
January 15, 2002, January 15, 2002

- Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the declaration is:

- A. Patent Application No. (s) 09/984179
- B. Patent No. (s) _____

Additional numbers attached? Yes No

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

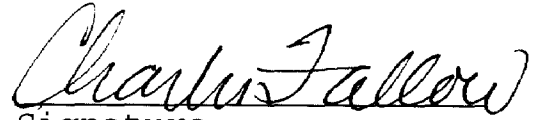
Charles W. Fallow
 SHOEMAKER AND MATTARE, LTD.
 2001 Jefferson Davis Highway
 Suite 1203
 Arlington, Virginia 22202

03/07/2003 ECOOPER 00000303 09984179
 01 C:8021 40.00 OP

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
X Enclosed
___ Authorized to be charged to Deposit Account No. 19-2110
(if necessary).
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9. Statement and signature.

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Charles W. Fallow
Name of Person Signing


Signature

March 4, 2003
Date

Total Number of pages including cover sheet, attachments, and document: 9

1. Name of conveying party(ies):

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3. Toshiyuki TERADA
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4. Tatsuya GOTO
1-2-12-303, Unomori
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2. Name and address of receiving party(ies)

2. Stanley Electric Co., Ltd.
2-9-3, Nakameguro
Meguro-ku, Tokyo, 153-8636 JAPAN

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Patent and Trademark Office

Assistant Commissioner for Patents
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10-15-02

Sir:

Please record the original documents or copy thereof.

- 1. Name of conveying party(ies): Katsuyuki ISHIKAWA
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Additional Names Attached? Yes No

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

Name: Taiheiyo Cement Corporation
 Internal Address: 3-8-1, Nishikanda
Chiyoda-ku, Tokyo, 101-8357 JAPAN
 Street Address: same

City: _____ State: _____ Zip: _____
 Additional Names Attached? Yes No

- 3. Nature of Conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other Corrective Assignment for Reel 012522/Frame 0504

Receiving Parties

Execution Date: January 15, 2002

- 4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the declaration is:

A. Patent Application No.(s) 09/984179

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

Charles W. Fallow
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 01 FC 8021 40.00 DP

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8. Deposit Account No.: 19-2110
(Attached duplicate copy of this page if paying by deposit
account)
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.

Charles W. Fallow
Name of Person Signing

Charles Fallow
Signature

October 11, 2002
Date

Total Number of pages including cover sheet, attachments, and
document: 4

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3. Toshiyuki TERADA
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Nerima-ku, Tokyo
JAPAN
4. Tatsuya GOTO
1-2-12-303, Unomori
Sagamihara-shi, Kanagawa
JAPAN

Name and address of receiving party(ies)

2. Stanley Electric Co., Ltd.
2-9-3, Nakameguro
Meguro-ku, Tokyo, 153-8636 JAPAN

ASSIGNMENT

We, Katsuyuki Ishikawa, Takeshi Fujimura, Toshiyuki Terada and Tatsuya Goto, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to Taiheiyo Cement Corporation (a corporation of Japan having a place of business at 3-8-1, Nishikanda, Chiyoda-ku, Tokyo, 101-8357 Japan) and Stanley Electric Co., Ltd (a corporation of Japan having a place of business at 2-9-3, Nakameguro, Meguro-ku, Tokyo, 153-8636 Japan) as joint owners, the entire right, title and interest in the United States and throughout the world in and to the invention disclosed and claimed in our application serial no. 09/984179 for United States Patent, entitled "ELECTRONIC FLASH DEVICE", filed in the Patent and Trademark Office on October 30, 2001, and in said application, any continuations or divisions thereof, and all patents and reissues thereof issued on said applications, and all convention and treaty rights, in the United States and all other countries, for all such subject matter.

January 9, 2002
(date)

Katsuyuki Ishikawa
Katsuyuki Ishikawa

January 10, 2002
(date)

T. Fujimura
Takeshi Fujimura

January 15, 2002
(date)

T. Terada
Toshiyuki Terada

January 15, 2002
(date)

T. Goto
Tatsuya Goto

[notarization recommended]