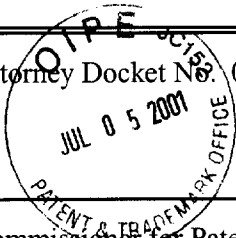


Attorney Docket No. 0104

07-11-2001

DEPARTMENT OF COMMERCE  
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Commissioner for Patents: 101773063 Documents or copy thereof.

**Submission type:**  
 New  
 Resubmission (Non-Recordation)  
Document ID #: \_\_\_\_\_  
 Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_  
 Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

7-501

**Conveyance type:**  Assignment  Security Agreement  
 License  Change of name  
 Merger  Other \_\_\_\_\_

**Conveying Party(ies):** Execution Date (05/11/01)

First party Name: MORI, Norio  
(Last, First, Middle Initial)

Second party Name:

Third party Name:

Fourth party Name:

Fifth party Name:

Additional name(s) of conveying party(ies) attached? Yes \_\_\_ No \_\_\_

**Receiving Party (ies):**

First party Name: JMC KABUSHIKI KAISHA  
Address: 4-3-30, Kazurashima, Kochi-shi,  
Kochi 780-8121 Japan

Second party Name:  
Address:

Additional name(s) & address(es) attached? Yes \_\_\_ No XX

**Domestic Representative Name and Address** (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

07/10/2001 LMELLER 00000204 5415934

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Telephone: 202-659-2930

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No   
A. Patent Application No.(s) B. Patent No.(s)  
5,415,934  
(Do not recite both application and patent numbers.)

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: \_\_\_\_\_

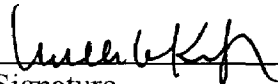
**Patent Cooperation Treaty (PCT)** PCT \_\_\_\_\_  
Enter PCT application number only if PCT \_\_\_\_\_  
a U.S. Application Number has not been assigned PCT \_\_\_\_\_

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00  
XX Enclosed  
 Authorized to be charged to Deposit Account No.: **01-2340**

**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.

William G. Kratz, Jr.  
Name of Person Signing

  
Signature

July 5, 2001  
Date

22,631  
Registration No.

**U.S. ASSIGNMENT**

WHEREAS, NORIO MORI (hereinafter ASSIGNOR in this Assignment), a citizen of Japan residing at No. 3-21-19, Shinkoiwa, Katsushika-ku, Tokyo 124-0024 Japan, is the inventor and owner of the full and exclusive right, title, and interest in the invention entitled "COMPOSITE TEMPERATURE SENSITIVE ELEMENT AND FACE HEAT GENERATOR COMPRISING THE SAME," as described and claimed in United States Patent No. 5,415,934, issued May 16, 1995, and any Letters Patent of the United States obtained from any continuation, division, renewal, substitute or reissue therefor for the full term or terms for which the same may be granted;

WHEREAS, NORIO MORI (ASSIGNOR) wishes to assign and transfer to JMC KABUSHIKI KAISHA, a corporation duly organized under the laws of Japan, having an office and place of business at No. 4-3-30, Kazurashima, Kochi-shi, Kochi 780-8121 Japan (hereinafter ASSIGNEE in this Assignment), and said ASSIGNEE wishes to acquire an undivided 50% interest in said invention and said United States Letters Patent No. 5,415,934;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE an undivided 50% interest in said invention and said Letters Patent No. 5,415,934, and any Letters Patent of the United States obtained from any continuation, divisional, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment and sale;

ASSIGNOR further covenants that it will, upon request by the ASSIGNEE promptly provide all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said improvements and said Letters patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, have hereunto set hand and seal this 11<sup>th</sup> day of May, 2001.

Assignor: \_\_\_\_\_

*Norio Mori*

Norio Mori