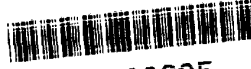


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1-29-98 / 1-29-98



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To the Honorable Commissioner of Patents and

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Setsuo KODATO
Seishiro OHYA
Shiro KARASAWA
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2. Name and address of receiving party(ies):

ANRITSU CORPORATION
10-27, Minamiazabu 5-chome,
Minato-ku, Tokyo 106, JAPAN

3. Nature of conveyance: - ASSIGNMENT

Execution Date(s): January 20, 1998 (all inventors)

_____ respectively.

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 as follows:

January 20, 1998 (all inventors)

_____ respectively.

A. Patent Application No. (s)

B. Patent No.(s)

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

02 FC:581

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.
767 Third Avenue, 25th Floor
New York, New York 10017-2023

6. Total number of applications and patents involved: one

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

Amount included with filing fee attached hereto.

Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

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.

Dated: January 29, 1998

By: Thomas Langer
Thomas Langer, Reg. #27,264
for Leonard Holtz, Reg. #22,974

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I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office Addressage" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patent and Trademarks, Washington, D.C. 20231.

Barbara Villani
Barbara Villani
9/4/92

Total number of pages comprising cover sheet: 3

ASSIGNMENT (6KI-97S0278P1)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

INFRARED-EMITTING ELEMENT MANUFACTURING METHOD, AND
INFRARED-EMITTING ELEMENT MANUFACTURED THEREBY

sell and assign to

ANRITSU CORPORATION, a Japanese corporation, having a place of business at
10-27, Minamiazabu 5-chome, Minato-ku, Tokyo 106 JAPAN

its successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) executed concurrently herewith;
 executed on _____ ;
 Application No. _____, filed _____;

and in and to all applications for patent and patents for invention, in all countries of the world, including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

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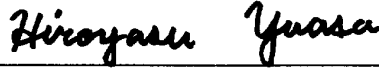
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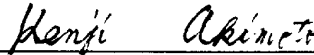
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