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12-2-98

To the Assistant Commissioner for Patents: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):  
 Koki SATO  
 12-23-1998  
  
 100928200  
 Additional name(s) of conveying party(ies) attached? No

2. Name and address of receiving party(ies):  
 Name: SENJU SPRINKLER COMPANY LIMITED  
 Street Address: 23, Senju Hashido-cho, Adachi-ku, Tokyo, Japan.  
 Additional name(s) & address(es) attached? No

JCS549 U.S. PTO  
 09/203382  
  
 12/02/98

3. Nature of conveyance:  
 Assignment  
 Security Agreement  
 Other  
 Merger  
 Change of Name  
 Execution Date: November 27, 1998

4. Application number(s) or patent number(s):  
09/203382  
 If this document is being filed together with a new application, the execution date of the application is: November 27, 1998

A. Patent Application No.(s)  
2/10/1998 PULLEN 00000044 09203382  
2 FC:581 40.00 OP

B. Patent No.(s)  
 Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: WENDEROTH, LIND & PONACK, L.L.P.  
 Internal Address: Attn: Mr. Nils E. Pedersen  
 Street Address: 2033 K Street, N.W., Suite 800  
 City: Washington, D.C. ZIP: 20006

6. Total number of applications and patents involved: 1

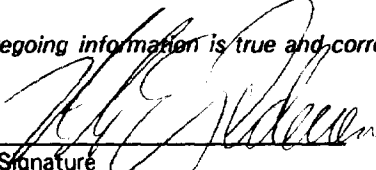
7. Total fee (37 C.F.R. § 3.41). . . . . \$ 40.00 €  
 Enclosed [Check No. 30805]  
 Authorized to be charged to deposit account

8. Deposit account number: 23-0975  
 (Attach duplicate copy of this page if paying by deposit account)

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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.*

Nils E. Pedersen, Reg. No. 33,145  
 Name of Person Signing

  
 Signature

December 2, 1998  
 Date

Total number of pages including cover sheet, attachments, and document: 3

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

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

THE COMMISSIONER WILL NOT REPLY TO CORRESPONDENCE UNLESS THE FEE IS PAID TO THE DEPOSIT ACCOUNT NO. 23-0975.

# Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Koki SATO

Insert Name(s)  
of Inventor(s)

and

the undersigned hereby sell(s) and assign(s) to

Insert Name  
of Assignee

SENJU SPRINKLER COMPANY LIMITED

Address

of 23, Senju Hashido-cho, Adachi-ku, Tokyo, Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 USC 100, in the invention known as

Title of  
Invention

HORIZONTAL SIDEWALL SPRINKLER HEAD

for which an application for patent in the United States of America has been executed by the undersigned

Date of Signing  
of Application

on November 27, 1998

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

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

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.

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.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue 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.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the Rule of the United States Patent Office for recordation of this document.

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

Date November 27, 1998, Name of Inventor Koki Sato  
KOKI SATO

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged 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 J. Shikhor

Witness A. Hotozuka

ACKNOWLEDGMENT

\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, before me personally came the above-named \_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

Official Signature

Official Title

SEAL

The above application may be more particularly identified as follows:

U. S. Application Serial No. \_\_\_\_\_, Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_, Atty. Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_