

8-11-99

Commissioner of Patents & Trademarks

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J231

FORM PTO-1595

RECORDATION FORM COVER



ERCE

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PATENTS ONLY

Office

To the Honorable Commissioner of Patents and Trademarks: Please record the assignment of the following patent application number: 101117254

1. Name of conveying Party(ies):

**Christian Guy Naylor SHAW
James Gerard TANGNEY**Additional name(s) of conveying party(s) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: August 10 and 6, 1999

2. Name and Address of receiving Party(ies):

(A) Name: **Edward DUGGAN**

Street Address: 94 Elm Park

City, Country: **Tramore, County Waterford, IRELAND**(B) Name: **Michael Francis CARNEY**

Street Address: Dunmore Road

City, Country: **Waterford, IRELAND**Additional name(s) & address(es) attached? ☐ Yes ☒ No

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: _____

A. Patent Application No.(s)/Application Date

09/314,935, filed May 20, 1999

B. Patent No.(s)/Patent Date

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

Jacobson, Price, Holman & Stern, PLLC
400 7th Street, N.W.
Washington, D.C. 20004
Tel. 202-638-6666

Attorney Docket No. P63603US0

6. Number of applications and patents involved: -1-

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

☒ Enclosed☒ Any deficiencies in enclosed fees are authorized to be charged to deposit account

8. Deposit Account No.: 06-1358

(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.

John C. Holman
Reg. No. 22,769

Signature

August 11, 1999
Date

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

JPH&S 103-12/93

08/12/1999 TLUU11 00000070 09314935

FC:581

40.00 DP

PATENT
REEL: 010157 FRAME: 0604

1/2

UNITED STATES OF AMERICA - ASSIGNMENT

(1-5) Insert Name(s) of Inventor (1) CHRISTIAN GUY NAYLOR SHAW
(2) _____
(3) _____
(4) _____ and
(5) _____
In consideration of the sum of one dollar (\$1.00), and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sells over to
(6) Insert Name of Assignee (6) Edward Ducean and Michael Francis Carney
(7) Insert Address of Assignee (7) 94 Elm Park, Tinsmore, County Waterford, Ireland and
(8) Dunmore Road, Waterford, Ireland
(9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) both citizens of Ireland
(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
(10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) A Heater
for which the undersigned has (have) executed an application for patent in the United States of America
(11) Insert Date of signing of Application, or filing date and Serial No. if known (11) Said application having been executed/ filed on 20 May 1999 (and assigned Serial No. 09/314,935)

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 any continuing or divisional applications 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 making or provisions of the International Union 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 in the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, an 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) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

7) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, 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) appears the undersigned name(s).

Date	<u>10-8-99</u>	Name of Inventor	<u>Christian Guy Naylor Shaw</u>	<u>Christian Shaw</u> (SEAL)
			typed name	signature
Date		Name of Inventor		(SEAL)
			typed name	signature
Date		Name of Inventor		(SEAL)
			typed name	signature
Date		Name of Inventor		(SEAL)
			typed name	signature
Date		Name of Inventor		(SEAL)
			typed name	signature

This assignment should preferably be signed before a United States Consul, a Notary Public, or a Notary Public in a foreign country. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses, who sign here:

☐ Additional inventor's names and signatures on a separate sheet.

Witness

Witness

LAW OFFICES OF
JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY
THE JENIFER BUILDING
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

JPHAS 788

2/2

UNITED STATES OF AMERICA - ASSIGNMENT

(1-5) Short Name(s) of Inventor(s) (1) JAMES GERARD TANGNEY
(2) _____
(3) _____
(4) _____ and
(5) _____
In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the reciter and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sells over to
(6) Edward Duggan and Michael Francis Carney
(7) 94 Elm Park, Tramore, County Waterford, Ireland and
61 Dunmore Road, Waterford, Ireland
(8) both citizens of Ireland
(9) (Resident designated as the Assignee) the entire right, title and interest for the United States, its
territories, dependencies and possessions, in the Invention known as
(10) A Heater
(11) for which the undersigned has (have) executed an application for patent in the United States of America
20 May 1999
(12) Said application having been manifested on
Serial No. 09/314,935 (and assigned)

(13) Short Name(s) of Assignee (14) Said application having been manifested on
Serial No. 09/314,935 (and assigned)

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 any continuing or divisional applications 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 Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to execute all affidavits and oaths 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 Patents of the United States resulting from this application or any continuing or divisional applications thereof in the said Assignee, as Assignee of the entire interest, and hereby covenant 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) Assignee hereby assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

7) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, PLLC, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to enter 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 execution of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).
Date 5/6/99 Name of inventor James Gerard Tangney Signature _____ (SEAL)
Date _____ Name of inventor _____ Signature _____ (SEAL)
Date _____ Name of inventor _____ Signature _____ (SEAL)
Date _____ Name of inventor _____ Signature _____ (SEAL)
Date _____ Name of inventor _____ Signature _____ (SEAL)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

☐ Additional inventor's names and signatures on a separate sheet. Witness H. M. Dedmon
Witness E. K. Kehler

LAW OFFICES OF
JACOBSON, PRICE, HOLMAN & STERN
PROFESSIONAL LIMITED LIABILITY COMPANY
THE JENNIFER BUILDING
400 SEVENTH STREET, N.W.
WASHINGTON, D.C. 20004

JPH:LS 7468