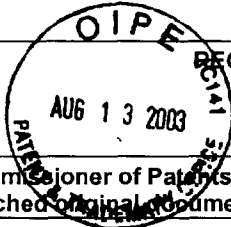


FORM PTO-1595
1-31-92



RECORDATION
PAT

08-18-2003



Department of Commerce
and Trademark Office
Docket No. 01837-0032
Customer Number: 22,852
SIGNMENTS RECORDATION

To the Honorable Commissioner of Patents and Trademark
Please record the attached original documents or copy

102526620

1. Name of conveying party(ies): 1) Satyendra KUMAR 2) Devendra KUMAR 3) Michael L. DOUGHERTY, SR.	8-13-03	2. Name and address of receiving party(ies): Name: DANA CORPORATION
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Additional name(s) of conveying party(ies) attached? Yes No Internal Address:

3. Nature of conveyance: Street Address: 4500 Dorr Street

Assignment Merger City: Toledo

Security Agreement Change of Name State: OH Zip Code: 43615

Other: Additional name(s) & Address(es) attached?

Execution Date: June 3, 2003 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:

A. Patent Application Number(s): PCT/US03/14136	B. Patent Number(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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

Name: Mr. Arthur S. Garrett

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

6. Total number of applications and registrations involved:
1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit Account No.: 06-0916

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.

08/15/2003 DBYRNE 00000198 PCT/US03/14136
01 FC:8021 40.00 DP

Arthur S. Garrett
Reg. No. 20,338

Signature

August 13, 2003
Date

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

ASSIGNMENT

WHEREAS I/We, the below named inventors (hereinafter referred to as Assignors), have made an invention entitled:

PLASMA-ASSISTED HEAT TREATMENT

for which I/We executed an application for United States Letters Patent concurrently herewith and/or filed an international patent application under the Patent Cooperation Treaty (PCT) on May 7, 2003, (application No. PCT/US03/14136); and

WHEREAS, Dana Corporation, a corporation formed under the laws of the Commonwealth of Virginia, whose post office address is 4500 Dorr Street, Toledo, Ohio 43615 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to an application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, Provisional Application No. 60/378,693, filed May 8, 2002, No. 60/430,677, filed December 4, 2002, and No. 60/435,278, filed December 23, 2002, and this application, all U.S. applications and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above provisional applications, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

