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101230497

RECORDATION

Atty. Docket: 35.C14102

To the Commissioner of Patents and TRADEMARKS. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): KINYA KATO

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

2. Name and address of receiving party(ies):

Name: CANON KABUSHIKI KAISHA

Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
Tokyo, Japan

J-678 U.S. PTO
 09/458685
 12/10/99

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 12/03/99

Domestic Address: _____

City: _____ State _____ ZIP _____

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

4. Application number(s) or patent number(s): 091458685

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application Number: Not Yet Assigned
 Filing Date: Herewith

Additional numbers attached? Yes No

B. Title of Invention: METHOD AND APPARATUS FOR DECOMPOSING GASEOUS ALIPHATIC HYDROCARBON HALIDE COMPOUND

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

Name: Fitzpatrick, Cella, Harper & Scinto
30 Rockefeller Plaza
New York, New York 10112-3801

Telephone No.: (212) 218-2100
 Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:
One

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess):
06-1205
 (Attach duplicate copy of this page if paying by deposit account):

12/23/1999 TTON11 00000122 09458685

FC:581

40.00 OP

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Peter Saxon (Reg. No. 24,947)
Name of Person Signing

Peter Saxon
Signature

December 9, 1999
Date

Total number of pages including cover sheet, attachments, and documents: 2

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, I, **KINYA KATO**
citizen of **JAPAN**
residing at
21-7-708, Tomuro 2-chome, Atsugi-shi, Kanagawa-ken, Japan

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**
a corporation of Japan
having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan
its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for
the United States, in and to certain inventions relating to

**METHOD AND APPARATUS FOR DECOMPOSING GASEOUS ALIPHATIC
HYDROCARBON HALIDE COMPOUND**

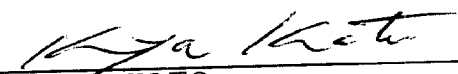
and described in an application for Letters Patent of the United States executed by me on the date indicated below and in
and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States
which may be granted, thereon, and all reissues and extensions thereof; and I hereby authorize and request the
Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the
Assignee or to such nominees as it may designate.

AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for patent
or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention
for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and
to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any
assignment, consent to file or like document which may be required in the United States for any purpose and more
particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority
provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention
which may henceforth be substituted for it.

AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and
that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me
pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing
and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper
to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in
the United States.

By: 
KINYA KATO

Date: December 3, 1979