

03-23-2001

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT



101645702  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

- New
- Resubmission (Non-Recordation)  
Document ID # \_\_\_\_\_
- Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_
- Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

- Assignment
  - License
  - Merger
  - Security Agreement
  - Change of Name
  - Other \_\_\_\_\_
- U.S. Government**  
(For Use ONLY by U.S. Government Agencies)
- Departmental File
  - Secret File

3-13-01

jc997 U.S. PTO  
09/805414  
03/13/01

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)  Execution Date  
Month Day Year

Name (line 2)

**Second Party**

Name (line 1)  Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

03/16/2001 NYUSIF1 00000005 09005414

09 FC-1381

40.00 OP

**PATENT**  
**REEL: 011599 FRAME: 0937**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned. PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

**Deposit Account**

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Michael J. Schmidt



March 13, 2001

Name of Person Signing

Signature

Date

Docket No. 4041J-000366

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CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date  
Month Day Year

Name (line 1) Yoshitaka Kume

02 27 2001

Name (line 2)

Execution Date

Month Day Year

Name (line 1) Hiroshi Ishikawa

02 27 2001

Name (line 2)

Execution Date

Month Day Year

Name (line 1) Kunio Iritani

02 27 2001

Name (line 2)

**Receiving Party(ies)**

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Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City

State/Country

Zip Code

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Patent Number(s)


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Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

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**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

**Patent Number(s)**

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**ASSIGNMENT BY INVENTORS**

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

**EJECTOR CYCLE SYSTEM WITH CRITICAL REFRIGERANT PRESSURE**

for which the undersigned executed an application for Letters Patent of the United States of America:

(A)  even date herewith

(B) \_\_\_\_\_ on \_\_\_\_\_

(C) \_\_\_\_\_ in U.S. Appln. No. \_\_\_\_\_ filed \_\_\_\_\_

AND WHEREAS,

**DENSO CORPORATION of 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan**

hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

*Hirotsugu Takeuchi*Inventor 1: **Hirotsugu TAKEUCHI***February 27, 2001*

Date

*Gota Ogata*

Witness

*Kazuhisa Makida*Inventor 2: **Kazuhisa MAKIDA***February 27, 2001*

Date

*Gota Ogata*

Witness

*Yoshitaka Kume*Inventor 3: **Yoshitaka KUME***February 27, 2001*

Date

*Gota Ogata*

Witness

 IF ADDITIONAL INVENTORS, check and continue on page 2.

Attorney Docket No. 4041J \_\_\_\_\_

**ASSIGNMENT BY INVENTORS**

Hiroshi Ishikawa  
Inventor 4: **Hiroshi ISHIKAWA**

February 27, 2001  
Date

Gota Ogata  
Witness

Kunio Iritani  
Inventor 5: **Kunio IRITANI**

February 27, 2001  
Date

Gota Ogata  
Witness

Satoshi Nomura  
Inventor 6: **Satoshi NOMURA**

February 27, 2001  
Date

Gota Ogata  
Witness

Hisayoshi Sakakibara  
Inventor 7: **Hisayoshi SAKAKIBARA**

February 27, 2001  
Date

Gota Ogata  
Witness

Makoto Ikegami  
Inventor 8: **Makoto IKEGAMI**

February 27, 2001  
Date

Gota Ogata  
Witness