
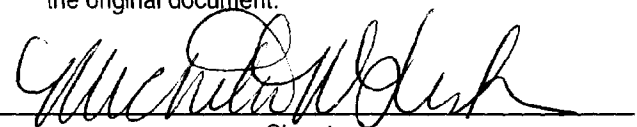


MNL 10-01-98  
BOX ASSIGNMENTS

10-14-1998

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|--|---|--|--|--|
| F<br>PAT   | <br><b>100848997</b> |  |  |  |
| TO THE ASSISTANT COMMISSIONER OF P<br>SIR: PLEASE RECORD THE ATTACHED ORI  |   |  |  |  |
| 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):<br>1. Yukio SAWADA<br>3. Ryo NAGASAKA<br>5.<br>7.<br>2. Yukio MORI<br>4. Tomoyuki TAKIGUCHI<br>6.<br>8.  |   |  |  |  |
| ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |   |  |  |  |
| 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:<br>NAME: NIPPONDENSO CO., LTD.<br><br>ADDRESS: 1-1, Showa-cho, Kariya-city, Aichi-pref., JAPAN<br><br>ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |   |  |  |  |
| 3. NATURE OF CONVEYANCE (DOCUMENT):<br>(Submit herewith <u>only one document</u> for recordation—multiple copies of same Assignment signed by different inventors is one document)<br><input checked="" type="checkbox"/> ASSIGNMENT OF <input checked="" type="checkbox"/> WHOLE <input type="checkbox"/> PART INTEREST<br><br><input type="checkbox"/> CHANGE OF NAME <input type="checkbox"/> VERIFIED TRANSLATION<br><input type="checkbox"/> SECURITY <input type="checkbox"/> MERGER <input type="checkbox"/> OTHER: |   |  |  |  |
| <b>EXEC. DATE:</b> May 12, 1995, May 12, 1995, May 12, 1995, May 15, 1995  |   |  |  |  |
| EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: ( <b>NOTE:</b> IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)  |   |  |  |  |
| 4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |   |  |  |  |
| <b>A. PAT. APP. NO.(S)</b><br>series code/serial<br>no   | <b>M#</b>   | <b>1<sup>st</sup> INVENTOR</b><br>if not in item 1 | <b>B. PATENT NO(S)</b><br><b>M#</b>  | <b>1<sup>st</sup> INVENTOR</b><br>if not in item 1 |
| 08/883,340   | 238902  |  |  |  |
| 5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:<br><br><b>Pillsbury Madison &amp; Sutro LLP</b><br><b>Intellectual Property Group</b><br>1100 NEW YORK AVENUE, N.W.<br>NINTH FLOOR, EAST TOWER<br>WASHINGTON, D.C. 20005-3918  |   |  | 6. NUMBER INVOLVED:<br>APPLNS <u>1</u> + PATS _____ = TOTAL <u>1</u>   |  |
|  |   |  | 7. AMOUNT OF FEE ENCLOSED: (Code 581)<br>ABOVE TOTAL x \$40 = \$40   |  |
| 5.5 ATTY DKT:<br><br>PMS 238902      40418 USCD-KK   |   |  | 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975<br>UNDER ORDER NO      30954      238902<br>dup. sheet not required      CLIENT NO.      MATTER NO. |  |
| MATTER NO.      CLIENT REF.  |   |  |  |  |
| 9. STATEMENT AND SIGNATURE.<br>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.  |   |  |  |  |
| <br>Signature  |   |  | 10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) <b>3</b>   |  |
| Attorney: <u>Michelle N. Lester</u><br>Reg. No. <u>3237.1</u><br>Atty/Sec: <u>MNL/sj</u>   |   |  | Date: <u>1 October, 1998</u><br>FAX: <u>(202) 822-0944</u>   |  |
| TEL: <u>(202) 861-3693</u>   |   |  |  |  |

10/13/1998 TTON11 00000252 06683340

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01 FC:581

40.00 OP

PAT-114X 3/98

**PATENT**  
**REEL: 9497 FRAME: 0251**

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Cushman Darby & Cushman, L.L.P.  
Ninth Floor, East Tower  
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For Inventions made outside USA  
executed with or after application  
Atty. Dkt. \_\_\_\_\_ / \_\_\_\_\_  
M# \_\_\_\_\_ / Client Ref. \_\_\_\_\_

USA Patent Appl.  
Sole or Joint

# COPY

## ASSIGNMENT

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

- |                         |                                  |
|-------------------------|----------------------------------|
| (1) <u>Yukio Sawada</u> | (4) <u>Tomoyuki Takiguchi</u>    |
| (2) <u>Yukio Mori</u>   | (5) _____                        |
| (3) <u>Ryo Nagasaka</u> | [ ] x box if continued on page 2 |

Insert Name(s)  
of inventors

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

Insert Name(s)  
of Assignee(s)  
and Address(es)

NIPPONDENSO CO., LTD.  
1-1, Showa-cho, Kariya-city,  
Aichi-pref., Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

Title of  
Invention

THERMAL FLOW METER WITH LESS TURBULENCE IN FLUID FLOW

**NOTE** >->->  
(Complete line  
A, B and/or C)

- (A) for which the undersigned executed an application for Letters Patent of the United States of America [] even date herewith
- (B) [ ] on \_\_\_\_\_
- (C) in U.S. Appln No. \_\_\_\_\_/\_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

**NOTE** >->->

| <u>INVENTOR(S)</u>                           | <u>DATE SIGNED</u>   | <u>WITNESS(ES)</u>   |
|--|----------------------|----------------------|
| 1) <u>Yukio Sawada</u><br>Name: Yukio Sawada | <u>May 12, 1995</u>  | <u>Yasushi Kohno</u> |
| 2) <u>Yukio Mori</u><br>Name: Yukio Mori     | <u>May, 12, 1995</u> | <u>Yasushi Kohno</u> |

IF ADDITIONAL INVENTORS, check box [ x ] and continue on page 2

Assignment

(Continued from page 1)

Listing of additional inventors

(6) \_\_\_\_\_  
(7) \_\_\_\_\_  
(8) \_\_\_\_\_  
(9) \_\_\_\_\_  
(10) \_\_\_\_\_

(11) \_\_\_\_\_  
(12) \_\_\_\_\_  
(13) \_\_\_\_\_  
(14) \_\_\_\_\_  
(15) \_\_\_\_\_

Signatures of additional inventors/witnesses/dates signed

| <u>INVENTOR(S)</u>  | <u>DATE SIGNED</u>  | <u>WITNESS(ES)</u>   |
|---|---------------------|----------------------|
| 3) <u>Ryo Nagasaka</u><br>Name: Ryo Nagasaka                | <u>May 12, 1995</u> | <u>Yasushi Kohno</u> |
| 4) <u>Tomoyuki Takiguchi</u><br>Tomoyuki Takiguchi<br>Name: | <u>May 15, 1995</u> | <u>Yasushi Kohno</u> |
| 5) _____<br>Name:   | _____               | _____                |
| 6) _____<br>Name:   | _____               | _____                |
| 7) _____<br>Name:   | _____               | _____                |
| 8) _____<br>Name:   | _____               | _____                |
| 9) _____<br>Name:   | _____               | _____                |
| 10) _____<br>Name:  | _____               | _____                |
| 11) _____<br>Name:  | _____               | _____                |