



10-09-1998

PATENT AND TRADEMARK OFFICE

D/S



Attorney Docket No. 4041K-000004

100847834

OFFICE OF DOCUMENT (PATENT)

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Shigeru Hisanaga
Tsuyoshi Takemoto
Yoshitaka Akiyama
Shinichi Watanabe
Hiroyuki Hayashi
Yasushi Watanabe
Tatsushi Mori
Izuru Shimizu
Masao Iguchi

10-1-98

(2) **Name And Address Of Party Receiving The Interest:**

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

and

KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO
2-1, Toyoda-cho
Kariya-shi, Aichi-ken
448-8671 Japan

(3) **Description Of The Transaction To Be Recorded:**

☒ Assignment ☐ License
☐ Change of Name ☐ Other _____

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 9/29/98

By [Signature]

10/08/1998 TTON11 00000213 09141955

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(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

☒ Serial No. 09/141,955, filed August 28, 1998.

☐ Application being filed concurrently herewith.

☐ Patent Number _____, issued _____.

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

H. Keith Miller
Harness, Dickey & Pierce, P.L.C.
P.O. Box 828
Bloomfield Hills, MI 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: 1 (one)

Total Recordal Fee Enclosed: \$40.00


(7) **Date(s) The Document Was Executed: September 9, 1998**

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicants have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due.

Respectfully submitted,

By: _____


H. Keith Miller
Reg. No. 22,484
Attorney for Applicants

Date: September 29, 1998

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert
ASSIGNEE's
Name(s)
Address(es))

1) DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

2) KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO

2-1, Toyoda-cho, Kariya-shi, Aichi-ken, 448-8671, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

SCROLL TYPE COMPRESSOR

(Title of
Invention)

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____;
(b) filed on August 28, 1998,
Serial No. 09 / 141,955;

(Harness, Dickey & Pierce, P.L.C.
Michigan, U.S.A.) is hereby authorized to insert in (b) the specified
data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Shigeru Hisanaga</u> (SIGNATURE)	Shigeru Hisanaga (TYPE NAME)	September 9, 1998 (DATE)
2) <u>Tsuyoshi Takemoto</u> (SIGNATURE)	Tsuyoshi Takemoto (TYPE NAME)	September 9, 1998 (DATE)
3) <u>Yoshitaka Akiyama</u> (SIGNATURE)	Yoshitaka Akiyama (TYPE NAME)	September 9, 1998 (DATE)
4) <u>Shinichi Watanabe</u> (SIGNATURE)	Shinichi Watanabe (TYPE NAME)	September 9, 1998 (DATE)

(to be continued on page 2)

5) <u>Hiroyuki Hayashi</u> (SIGNATURE)	<u>Hiroyuki Hayashi</u> (TYPE NAME)	<u>September 9, 1998</u> (DATE)
6) <u>Yasushi Watanabe</u> (SIGNATURE)	<u>Yasushi Watanabe</u> (TYPE NAME)	<u>September 9, 1998</u> (DATE)
7) <u>Tatsushi Mori</u> (SIGNATURE)	<u>Tatsushi Mori</u> (TYPE NAME)	<u>September 9, 1998</u> (DATE)
8) <u>Izuru Shimizu</u> (SIGNATURE)	<u>Izuru Shimizu</u> (TYPE NAME)	<u>September 9, 1998</u> (DATE)
9) <u>Masao Iguchi</u> (SIGNATURE)	<u>Masao Iguchi</u> (TYPE NAME)	<u>September 9, 1998</u> (DATE)
10) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
11) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
12) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
13) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
14) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
15) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
16) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
17) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
18) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
19) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
20) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)