

05-13-2003



102445979

To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

(1) Atusi SAKAIDA

2. Name and address of receiving party(ies)

Name: DENSO CORPORATION

Street Address: 1-1, Showa-cho
Kariya-city, Aichi-pref.
448-8661 JAPAN

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

Execution Date(s): (1) April 21, 2003

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

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

Month Day Year

If this document is being filed together with a new application, the execution date of the application is : (1) 04 21 03

A. Patent Application No.(s)

B. Patent No.(s)

10,430,257

Additional numbers attached? ☐ Yes ☒ No

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

Name: David G. Posz

Internal Address: _____

Street Address: Posz & Bethards, PLC

11250 Roger Bacon Drive, Suite 10

City: Reston State: VA Zip: 20190

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1147

(Attach duplicate copy of this page if paying by deposit account)

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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.

David G. Posz (Reg. No. 37,701)

Name of Person Signing

Signature

May 7, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Alexandria, VA 22313-1450

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PATENT
REEL: 014047 FRAME: 0170

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby sell(s), assign(s) and transfer(s) to

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

as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, in the United States of America and all foreign countries, to certain inventions known as

SUBSTRATE HAVING A PLURALITY OF BUMPS, METHOD OF FORMING THE SAME,
AND METHOD OF BONDING SUBSTRATE TO ANOTHER

described in an application for Letters Patent of the United States executed

- (A) X on even date herewith
(B) _____ on _____
(C) _____ as U.S. Application Serial No. _____ filed on _____

as well as any and all continuations, divisions, and substitutes and reissues of said application for Letters Patent, and all Letters Patent that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing and maintaining patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, or by any convention which may be henceforth substituted therefor, as may be necessary in connection with said application for said Letters Patent.

The undersigned also authorize(s) Posz & Bethards, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Atusi Sakaida
Inventor 1: Atusi Sakaida

April 21, 2003
Date

Toshihisa Taniguchi
Witness

Inventor 2:

Date

Witness

Inventor 3:

Date

Witness

Inventor 4:

Date

Witness

Inventor 5:

Date

Witness

☐ Continued on page 2 for additional inventors