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1. Name of conveying party(ies):

(1) **Ryuichiro ABE**
(2) **Kenji KOUNO**

7-28-03

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:

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Execution Date(s): **(1): July 21, 2003, (2): July 23, 2003**

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

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

If this document is being filed together with a new application, the execution date of the application is : (1) Month Day Year
(2) 07 21 03
07 23 03

A. Patent Application No.(s) **10627729**

B. Patent No.(s)

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

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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

David G. Posz

Signature

July 28, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:
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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, 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
DIODE AND PRODUCING METHOD THEREOF

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.

Ryuichiro Abe
Inventor 1: **Ryuichiro Abe**

July 21, 2003
Date

Hiroshi Moto
Witness

Kenji Kouho
Inventor 2: **Kenji Kouho**

July 23, 2003
Date

Yasushi Higauchi
Witness

Inventor 3:

Date

Witness

Inventor 4:

Date

Witness

Inventor 5:

Date

Witness