

08-24-1999

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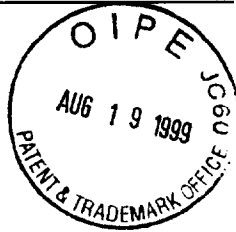
TO THE HONORABLE COMMISSIONER  
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101126078

1. Name of conveying party(ies):  
Kiyohito ISHIDA  
Yoshikazu ISHII  
Ryosuke KAINUMA



2. Name and Address of receiving party(ies):  
Name: (1) Kiyohito ISHIDA (2) Yoshikazu ISHII  
Address: (1) 5-20 Kamisugi 3-chome, Aoba-ku,  
Sendai-shi, Miyagi-ken, Japan  
(2) 1-1 Shimachi 5-chome, Houya-shi, Tokyo,  
Japan

Additional name(s) of conveying party(ies) attached? [ ] Yes [XX] No

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

3. Nature of conveyance: **8-19-99**  
 Assignment [ ] Change of Name  
 Security Agreement [ ] Merger

[ ] Other \_\_\_\_\_

Execution Date: August 2, 1999

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: \_\_\_\_\_ Date

A. Patent Application No.(s)

**09/339,929**

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

**BROWDY AND NEIMARK, P.L.L.C.**  
**419 Seventh Street, N.W.**  
**Suite 300**  
**Washington D.C. 20004**

6. Number of applications and patents involved:  
( 1 )

7. Amount of fee enclosed or authorized to be charged: **\$40.00**

8. Check no. **22859** in the amount of \$40.00 is attached.

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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.

08/23/1999 MTHA11 00000166 09339929

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**40.00 DP**  
Norman J. Latker (Reg. No. 19,963)

Name of Person Signing

Signature

**8/18/99**

Date

NJL:ct

Total number of pages including cover sheet [03]

# ASSIGNMENT

- (1) Kiyohito ISHIDA of 5-20 Kamisugi 3-chome, Aoba-ku, Sendai-shi, Miyagi-ken, Japan
- (2) Yoshikazu ISHII of 1-1 Shinmachi 5-chome, Houya-shi, Tokyo, Japan
- (3) Ryosuke KAINUMA of 172-15 Kurata-Sekine, Natori-shi, Miyagi-ken, Japan

In consideration of the sum of one dollar (\$ 1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

**Kiyohito ISHIDA** of 5-20 Kamisugi 3-chome, Aoba-ku, Sendai-shi, Miyagi-ken, Japan,  
**Yoshikazu ISHII** of 1-1 Shinmachi 5-chome, Houya-shi, Tokyo, Japan, and  
(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as  
Functionally Graded Alloy, Use Thereof and Method for Producing Same

Foreign  
Application or  
Case No. \_\_\_\_\_

for which the undersigned has (have) executed an application for patent in the United States of America  
on August 2, 1999  
on \_\_\_\_\_

U.S. application Serial Number 09/329,989, filed June 25, 1999

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) The undersigned agree(s) to communicate to the Assignee or representatives thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of Browdy and Neimark the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

(1) Date August 2, 1999

Name of Inventor

Kiyohito Ishida  
Kiyohito ISHIDA

(2) Date August 2, 1999

Name of Inventor *Yoshikazu Ishii*  
Yoshikazu ISHII

(3) Date August 2, 1999

Name of Inventor *Ryosuke Kainuma*  
Ryosuke KAINUMA