

A/D 581-40

DT15 Rec'd PCT/PTO 28 NOV 2003
Docket No.: IKE-C378FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03

05-25-2004

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10/478967

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To the Director of the United States P

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e attached original documents or copy thereof.

1. Name of conveying party(ies):

Ya XU, Kazuhiro OTSUKA, Nobuyuki TOYAMA,
Byungkoog JANG and Teruo KISHI

2. Name and address of receiving party(ies):

Name: NATIONAL INSTITUTE OF ADVANCED

Internal Address: INDUSTRIAL SCIENCE AND

TECHNOLOGY

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Street Address: 3-1, Kasumigaseki 1-chome,

Chiyoda-ku, Tokyo 100-0013, Japan

City: State: ZIP:

Execution Date: 21 NOV 2003

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

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

If this document is being filed together with a new application, the execution date of the application is: 21 NOV 2003

A. Patent Application No.(s)

B. Patent No.(s)

11-2803

Additional numbers attached? ☐ Yes ☒ No

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

Name: George A. Loud

Internal Address: LORUSSO, LOUD & KELLY

Street Address: 3137 Mount Vernon Avenue

City: Alexandria State: VA ZIP: 22305

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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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.

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Date

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PATENT
REEL: 015351 FRAME: 0201

Assignment

WHEREAS: The ASSIGNOR, comprising the following named inventor(s)

Ya XU, Kazuhiro OTSUKA, Nobuyuki TOYAMA, Byungkoog JANG and

Teruo KISHI are all at following address: c/o Tsukuba Center,

National Institute of Advanced Industrial Science and Technology of

1-1-1, Higashi, Tsukuba-shi, Ibaraki-ken 305-0046 Japan

has invented and owns a certain invention entitled:

Functional Composite Material Using Shape Memory Alloy and Method of
Preparing Same

for which application for Letters Patent of the United States was
executed on even date herewith,
and

WHEREAS, the ASSIGNEE

National Institute of Advanced Industrial Science and Technology
of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 Japan

is desirous of acquiring the entire interest in, to and under said
invention and the United States Letters Patent to be obtained
therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in
consideration of the payment by ASSIGNEE to ASSIGNOR of the sum
corresponding to One Dollar(\$1.00), the receipt of which is hereby
acknowledged, and for other good and valuable consideration,
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full
and exclusive right, title and interest to said invention and all
Letters Patent of the United States to be obtained therefor on said
application or any continuation, division, renewal, substitute or
reissue thereof for the full term or terms for which the same may be
granted.

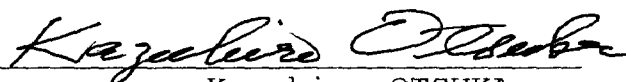
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

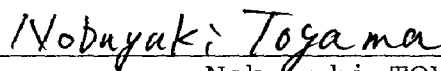
IN WITNESS WHEREOF, the undersigned inventors have hereunto set hand and seal this 21st day of November, 2003



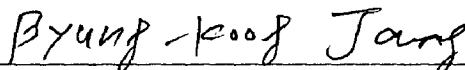
Ya XU



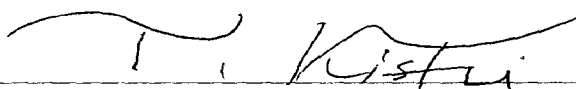
Kazuhiro OTSUKA



Nobuyuki TOYAMA



Byungkoog JANG



Teruo KISHI