

08-28-2000

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101445301

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

1. Name of conveying parties:

Jian-Kun Shen

Additional name(s) &amp; party(ies) attached?

☐ Yes

☒ No

3. Nature of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other

Execution Date: July 17, 2000

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

Name: AlliedSignal Inc.

Internal Address: P.O. Box 2245

Street Address:

101 Columbia Road

City: Morristown State: NJ Zip: 07962

Additional name(s) &amp; address(es) attached?

☐ Yes

Yes

☒ No

No

4. Application number(s) or patent number(s): 09/185,020 30-3916 CIP 1 (4830)

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

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes

Yes

☒ No

No

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

Name: Marie L. Collazo

Internal Address: Honeywell International

Street Address:

101 Columbia Road

City: Morristown State: NJ Zip: 07962

6. Total number of applications and patents involved:

1

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

☐

Enclosed

☒

Authorized to be charged to deposit account

8. Deposit account number:

01-1125

08/28/2000 DNGUYEN 00000093 011125 09185020

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01 FC:01 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.

MARIE COLLAZO

Name of Person Signing

Signature

Date

7/27/00

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 011018 FRAME: 0569

# ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File 30-3916 CIP (6230) <sup>4830</sup>

WHEREAS, I, JIAN-KUN SHEN, resident of Evanston, County of Cook; State of Illinois, citizen of Peoples Republic of China

(hereinafter "Assignor") have invented certain new and useful improvements in

## TITANIA BOUND SODIUM TITANATE ION EXCHANGER

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on November 3, 1998 and which can be identified as U.S. Patent Application Serial No. 09/185,020.

AND WHEREAS, AlliedSignal Inc., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17 day of July, ~~19~~ 2000  
Jian Kun Shen  
JIAN-KUN SHEN

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) ss.:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_ before me personally appeared

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) ss.:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_ before me personally appeared

to me known and known to me to be the individual \_\_\_\_\_ described in and who executed the foregoing instrument,  
and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) ss.:  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_ before me personally appeared

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and \_\_\_\_\_ he \_\_\_\_\_ acknowledged to me that \_\_\_\_\_ he \_\_\_\_\_ executed the same.

[SEAL]

\_\_\_\_\_  
Notary Public

My commission expires: \_\_\_\_\_