

12-08-2000

Docket No. 4665

FORM PTO-1595



IEET

U.S. DEPT. OF COMMERCE

101543848

To: Assistant Commissioner for Patents

Please record attached original documents.

1. Name of conveying party(ies):

H. Shinn Hwang
Robert J. Farrauto

11-16-06

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

1. ENGELHARD CORPORATION

101 Wood Avenue - P.O. Box 770

Iselin, New Jersey 08830-0770

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Dates August 31, 2000

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: *

A. Patent Application No. 09/652,710

B. Patent No. *

Additional numbers attached? Yes No

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

Chief Patent Counsel
ENGELHARD CORPORATION
101 Wood Avenue - P.O. Box 770
Iselin, New Jersey 08830-0770

6. Total number of applications and patents involved *

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

Authorized to be charged to deposit account

8. Deposit Account Number: 05-1070

DO NOT USE THIS SPACE

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.

Richard A. Negin
Name of person signing

Richard A. Negin
Signature

November 13, 2000
Date

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

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box Assignment
Washington, DC 20231

ASSIGNMENT

Joint

WHEREAS, WE, H. SHINN HWANG AND ROBERT J. Farrauto

citizens of the United States of America are the inventors of an invention in

PROCESS FOR GENERATING HYDROGEN-RICH GAS

for which we have executed an application for Letters Patent of the United States; and

WHEREAS, ENGELHARD CORPORATION is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned have sold assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said ENGELHARD CORPORATION, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ENGELHARD CORPORATION, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 8/31, 2000

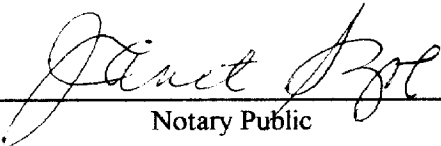
Shinn Hwang

Date 8/30, 2000

Robert J. Farrauto

State of New Jersey)
 ss.:
County of Middlesex)

On this *31* day of *August*, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared *H. Shinn Hwang*, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

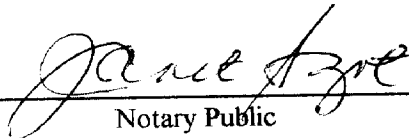


Notary Public

Janet Szot
Notary Public of New Jersey
My Commission Expires June 27, 2002

State of New Jersey)
 ss.:
County of Middlesex)

On this *31* day of *August*, 2000, before me, a Notary Public in and for the State and County aforesaid, personally appeared *Robert J. Farrauto*, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Notary Public

Janet Szot
Notary Public of New Jersey
My Commission Expires June 27, 2002