

01-09-2003



102332394

Attorney Docket Number
11037-106-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

Please record the attached original documents or copy thereof.

35997 U.S. PTO
10/331247
12/03/02

1. Name of conveying party(ies): 12/30/02
Yone-Seung Kim, Hyung-Jei Cho, Chi-Young
Jeong and Eun-Ki Hong

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

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

Address: 231 Yangjae-dong, Seocho-ku

3. Nature of conveyance:

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

Seoul

Country (if other than USA): Korea

Execution Date: December 20, 2002

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: December 20, 2002

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? Yes No

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

PENNIE & EDMONDS LLP
3300 Hillview Avenue
Palo Alto, CA. 94304

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00
Please charge to the deposit account listed in Section 8.

8. Deposit account number:
16-1150

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.

Dion M. Bregman

45,645

Signature

December 30, 2002

Name of Person Signing

Reg. No.

Date

For:
Thomas D. Kohler (Reg. No. 32,797)

Total number of pages including cover sheet:

2

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

01/08/2003 TDIAZ1 00000158 161150 10331247
01 FC:8021 40.00 CH

ASSIGNMENT

WHEREAS, I, ASSIGNOR, having citizenship, and residence as set forth below, am the inventor, or the joint inventor if plural names are set forth below, of the invention in (title of invention)

EMISSION TREATMENT SYSTEM AND CONTROL METHOD

for which I have executed an application for a Patent of the United States,

which is identified by Pennie & Edmonds LLP docket no. 11037-106-999

and WHEREAS, HYUNDAI MOTOR COMPANY, whose post office address is 231, Yangjae-dong, Seocho-ku, Seoul, Korea, ASSIGNEE is desirous of obtaining my 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 me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over. and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs 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 I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

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

Table with 4 columns: FULL NAME OF INVENTOR, LAST NAME, FIRST NAME, MIDDLE NAME, RESIDENCE & CITIZENSHIP, CITY, STATE OR FOREIGN COUNTRY, COUNTRY OF CITIZENSHIP. Row 1: Kim, Yone-Seung, KR. Row 2: Suwon-city, Korea, KR.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of December, 2002.

Kim Yone Seung

SIGNATURE

Witness: Hye-Jin Kim (signature)
Witness: Mi-Young Park (signature)

| | | | |
|-------------------------|---------------------|-----------------------------------|------------------------------|
| FULL NAME OF INVENTOR | LAST NAME Cho | FIRST NAME Hyung-Jei | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Yongin-city | STATE OR FOREIGN COUNTRY Korea | COUNTRY OF CITIZENSHIP KR |

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of December, 2002.

Cho, Hyungjei
SIGNATURE

Witness: Jin-Hee Jung Jin Hee Jung

Witness: Myo-Shin Kim Myo Shin Kim

| | | | |
|-------------------------|--------------------|-----------------------------------|------------------------------|
| FULL NAME OF INVENTOR | LAST NAME Jeong | FIRST NAME Chi-Young | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Seoul | STATE OR FOREIGN COUNTRY Korea | COUNTRY OF CITIZENSHIP KR |

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of December, 2002.

Chi Young Jeong
SIGNATURE

Witness: Kyung-A Lee Kyung A Lee

Witness: Yun-Ha Park Park Yun Ha

| | | | |
|-------------------------|--------------------|-----------------------------------|------------------------------|
| FULL NAME OF INVENTOR | LAST NAME Hong | FIRST NAME Eun-Ki | MIDDLE NAME |
| RESIDENCE & CITIZENSHIP | CITY Gunpo-city | STATE OR FOREIGN COUNTRY Korea | COUNTRY OF CITIZENSHIP KR |

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of December, 2002.

Hong Eun Ki
SIGNATURE

Witness: Yun-Hee Choi Yun Hee Choi

Witness: Dae-Sik Kim Dae Sik Kim