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Department of Commerce  
Patents & Trademark OfficeFile Docket No. 107348-  
Date: March 12, 200110973 U.S. PTO  
09/803135

03/12/01

To the Assistant Commissioner of Patents  
Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies)

1. Sudarshan LOYALKA
2. Tushar GHOSH
3. Robert V. TOMPSON, Jr.
4. George B. VOSNIDIS
5. Gregory A. HOLSCHER
6. Hiroshi OGASA
7. Tetsuo ENDO

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: University of Missouri-Columbia

Address: E1425 Engineering Building East  
Columbia, MO 65211 U.S.A.

Name: Honda Giken Kogyo Babushiki Kaisha

Address: 1-1, Minami-Aoyama 2-chome  
Minato-ku, Tokyo, Japan.

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

☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 15, 19, 2001.

## 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: February 15, 19, 2001.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

09803135

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

Name: Arent Fox Kintner Plotkin &amp; Kahn PLLC

Street Address: 1050 Connecticut Avenue, N.W., Suite 600

Washington, D.C. 20036-5339

6. Total number of applications and patents involved:  
One

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

☒ Included in attached check.☐ Any additional fees are authorized to be charged to deposit account

## 8. Deposit account number: 01-2300

(Attach duplicate copy of this page if paying by deposit account)

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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.

Charles M. Marmelstein

Name of Person Signing  
Reg. No. 25,895

Signature

March 12, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

PATENT  
REEL: 011603 FRAME: 0523

Docket No. \_\_\_\_\_

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by:

1. University of Missouri-Columbia of E1425 Engineering Building East, Columbia, MO 65211  
U.S.A.

2. HONDA GIKEN KOGYO KABUSHIKI KAISHA, a corporation of Japan, of 1-1,  
Minami Aoyama 2-chome, Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

ADSORBENT FOR HC IN EXHAUST GAS, AND PROCESS FOR PRODUCING THE SAME

for which application for Letters Patent of the United States was filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_. (Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

  
(SIGNATURE)

Sudarshan Loyalka  
(TYPE NAME)

February 15, 2001  
(DATE)

  
(SIGNATURE)

Tushar Ghosh  
(TYPE NAME)

February 15, 2001  
(DATE)

  
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Robert V. Thompson, Jr.  
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February 19, 2001  
(DATE)

  
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(TYPE NAME)

February 19, 2001  
(DATE)

WITNESSES REQUIRED