A 1058 140 JTM

1 9 NOV 2002 Attorney Docket: P3S2002074US/2689NP

PATENTS ONLY	09-08-2003	Patent & Trademark Offic
To the Honorable Commissioner of thereof.	102543972	the attached original documents or copy
Name of Conveying party(ies)	19.82 _* 2.	Name and address of receiving party(ies)
Masaaki KOJIMA Additional name(s) of conveying par		IBIDEN CO., LTD. 2-1, Kanda-cho Ogaki-shi Gifu 501-0695 JAPAN ditional name(s) & address(es) of receiving party(ies)
attached?Yes _X_No	* atta	ached?Yes _X_No
Nature of conveyance: X Assignment	E	execution Dates: Nov. 5, 2002
is Nov. 5, 2002. A. Patent Application No.(s) Additional numbers attached?	together with a new applica * * B. F Yes X No * Add	tion, the execution date of the application Patent No.(s) itional numbers attached? Yes _X_ No
 Name and address of party to correspondence concerning do should be mailed: Name: Joseph A. Sawyer, Internal Address: Sawyer Law Group Street Address: P.O. Box 51418 Palo Alto, California 	Jr. * 7. Tota * * * * * * * * * * * * * * * * * *	al Number of applications and patents lived: One al fee (37 CFR 3.41)\$ 40.00 Enclosed Authorized to be charged to Deposit Account cosit Account Number: 02-2120 (Sawyer Law Group LLF copy of this page)
true copy of the original docum	ent.	nation is true and correct and any attached copy is a
November 19, 2002 Date Total number of	pages including cover sheet,	seph A. Sawyer, Jr., Reg. No. 80,801 attachments, and document: 2

PATENT REEL: 014451 FRAME: 0521

Attorney Docket: P3\$2002074US/2689NP

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

Sell(s), assign(s) and transfer(s) to IBIDEN CO., LTD. (hereinafter referred to as "ASSIGNEE"), which has a business office at 2-1, Kanda-cho, Ogaki-shi, Gifu 503-8604 Japan, the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled: EXHAUST GAS PURIFIER _____) for which I (we) have executed an application for a United States Letters Patent on November 5, 2002 _____. (Application Serial No._____ filed on _____ 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE. Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications. Signed on the date(s) indicated beside my (our) signature(s). 1) MASAAKI KOJIMA Date: November 5, 2002
Name: Masaaki KOJIMA

Witness:_____ Date:_____ Name:

Witness:

Name:

RECORDED: 11/19/2002

PATENT REEL: 014451 FRAME: 0522