	\		
Atty Docket No.: 229402US3/mtp 0 5 2003	11-12-2003	J 5	
FORM PTO-1595 1-31-92 RECOR 1-31-92 PA		U.S. DEPARTMENT OF COMMERC Patent and Trademark Offi	
To the Honorable Commissioner of Patents and Traden.	102597856	uments or copy thereof.	
1. Name of conveying party(ies): //·5·/3 Mamoru FUKUDA Additional name(s) of conveying party(ies) attached? □		ration	
3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other			
Execution Date: September 26, 2002	Additional name(s) and	Additional name(s) and address(es) attached? □Yes ■No	
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application	ation, the execution date of the appli	ication is:	
A. Patent Application No.(s) 10/277,831	B. Patent No.(s)		
Additional num	nbers attached? Yes No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total applications at	nd patents involved: 1	
Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220	8. Deposit account nur	to be charged to deposit account	
DO NO	OT USE THIS SPACE		
9. Statement and signature To the best of my knowledge and belief, the foregoing is copy of the original document.			
C. Irvin McClelland	ul Sarhy	11/5/13	

Name of Person Signing

Signature

Date

Registration Number: 21,124

Paul Sacher Registration No. 43,418

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

11/06/2003 BABRAHA1 00000051 10277831

01 FC:8021

40.00 OP

REEL: 014673 FRAME: 0638

PATENT

	WHEREAS, I (WE) Mamoru FUKUDA:
	c/o SMC Corporation Tsukuba Technical Center
SERT NAMES ID RESIDENCE IDRESSES OF IE INVENTORS:	4-2-2, Kinunodai, Yawara-mura, Tsukuba-gun,
	Ibaraki, JAPAN
	, respectively,
SERT TITLE FINVENTION:	have invented certain new and useful improvements in:
	POPPET VALVE WITH HEATER
SERT DATE IN- INTORS SIGNED ECLARATION:	for which an application for Letters Patent was executed on September 26, 2002
	(Application No. <u>10/277,831</u> , filed <u>October 23, 2002</u>), and
SERT NAME ND ADDRESS OF OMPANY OR THER ASSIGNEE:	WHEREAS, SMC Corporation
	(hereinafter referred to as "ASSIGNEE") having a place of business at:
	16-4, Shinbashi 1-chome, Minato-ku, Tokyo, JAPAN ,
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

1/95

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and 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 by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: September 26, 2002	Mamoril Eukuda (Signature of Inventor)
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

1/95

PATENT REEL: 014673 FRAME: 0640