FORM PTO-1595 (Rev. 6-93)	09-10-2	:002 i	ET U.S. DEPA	RTMENT OF COMMERCE
OMB No. 0651-0011 (exp. 4/94) Tab settings				Patent and Trademark Office
To the Honorable Commissione.	1022160	98	ned original documents or copy	thereof.
Name of conveying party(ies): Dwight N. Johnson San Diego County California	9.3.02	2. Name and ad Name: Richar 2552 N	dress of receiving party(i rd J. Mooney Neffs La. ake City, Utah 84109	
Additional name(s) of conveying party(ies) att	ached?			
3. Nature of conveyance:		Additional name(s	s) & address(es) attached	? Yes <u>X</u> No
	۵.			
 Application number(s) or patent number(s If this document is being filed together with a 		evecution data of the	onnligation is:	
A. Patent Application No.(s)	new application, the c		o.(s) 5,056,550	
Ac	lditional numbers atta	ched? Yes X	No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number	of applications and paten	its involved:1_
Name: P. Weston Musselman, Jr.		7. Total fee (37)	CFR 3.41):	\$_40.00
JENKENS & GILCHRIST, P.C. 3200 Fountain Place 1445 Ross Avenue		X Enclosed Authorize	ed to be charged to depos	्र it account न
Dallas, Texas 75202-2799		8. Deposit accou	nt number:	R OF
		_10-0447 (for	nt number:	
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9. Statement and signature.			S	- V -
To the best of my knowledge and belief, th original document.	e foregoing informati	on is true and corre	ct and any attached copy	is a true copy of the
P. Weston Musselman, Jr. Reg. No. 31, Name of Person Signing		sta Mussels Signature		loz. Date
Total number of	f pages including cover	er sheet, attachments	s, and document 5	
Mail document	s to be recorded with	required cover shee	t information to:	

Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231

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PATENT **REEL: 013248 FRAME: 0937**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In	re	Patent	No.:	5,056,550
		* acciic	11000	3,030,330

Issue Date: October 15, 1991

Application

Serial No.: 07/610,135

Filed: November 6, 1990

For: PILOT REGULATOR FOR VALVES

Inventor: Richard J. Mooney

Examiner: A. Cohan

Group Art Unit: 347

Attorney Docket No.: 2496.003

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail (under 37 C.F.R. § 1.8(a)) on the date of deposit shown below with sufficient postage and in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature of registered practitioner or other person having reasonable basis to expect mailing to occur on date of deposit shown pursuant to 37 C.F.R. § 1.8(a)(1)(ii)

Ginger Morris
Typed/printed name of person whose signature is contained above

STATEMENT OF DWIGHT N. JOHNSON

State of California)
	:
County of San Diego)

Dwight N. Johnson, first being duly sworn, deposes and says that:

- 1. He is a resident of San Diego County, State of California, over the age of 21 and competent to give testimony.
- 2. I have been involved as an engineer in association with the design and development of mechanical devices and specifically of valves for fluids for many years beginning before 1980.

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Attorney Docket: 2660US

3. Sometime in 1986, Richard J. Mooney (hereinafter MOONEY) contracted with me to assist him in the design and development of a pilot valve for use in a fluid system. The precise details of the design were not known and were to be worked out. MOONEY provided me with specifications, a copy of which are appended hereto as Exhibit 1. MOONEY also defined certain objectives and suggested several alternate designs as set forth in his letter of October 18, 1987, a copy of which is appended as Exhibit 2. He also paid me for my services as can be seen from Exhibit 3. Sometime during continuing design efforts from 1986 into 1987, I suggested to MOONEY that the valve employ a cartridge assembly which could be replaced to effect repairs without complete disassembly. I do not recall MOONEY's initial design efforts seen in Exhibit 4 and 5. I recall MOONEY acknowledging my contribution in Exhibits 6 and 7.

4. Design efforts continued intermittently in 1987 with different designs being proposed by MOONEY and by myself. I specifically recall suggesting that the valve have a separate assembly which would be or which would have most of the control mechanism. I suggested that the assembly would be like a cartridge which could be installed or removed by operation of a threaded cap or the like so that the valve would not have to be removed from the fluid line (pipe) and would not have to be disassembled to effect repairs. This arrangement was later identified as the cartridge concept and is reflected in the issued patent in Column 1, lines 55-59 and again at Column 2, lines 29-31 of U.S. Patent 5,056,550 (the '550 Patent). The cartridge concept is reflected in what are essentially cartridge units illustrated in FIGS. 3 and 5 of the '550 Patent. The cartridge concept is reflected at least in Claim 2 of the '550 Patent in which a "subsidiary valve control means" is

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defined to "be installed in and/or removed from" the valve. Claim 2, lines 29-34 or Column 7, lines 25-30.

- 5. As development progressed, my involvement diminished. By 1988, I was no longer involved. I did not keep track of the development efforts of MOONEY nor pay much attention to the products being designed and sold by MOONEY and his company, MOONEY CONTROLS.
- 6. I did not know that MOONEY had applied for and obtained the above-referenced patent and in turn did not know that MOONEY had listed himself as the sole inventor and that I was not listed as a coinventor. I do not recall receiving a sample valve identified by the invoice attached as Exhibit 9 nor the letter identified as Exhibit 8.
- 7. Recent events prompted MOONEY to contact me regarding other work. During our discussions, we discussed the pilot valve that is the subject of the U.S. Patent 5,056,550. I reported a memory regarding events that was different from that of MOONEY. Discussions led to the search for what are now Exhibits 1-9 appended to this STATEMENT.
- 8. I am a coinventor with MOONEY of at least one of the claimed inventions set out in U.S. Letters Patent 5,056,550. I had no knowledge that an application had been filed to apply for such patent until 1997. The failure to list me as a coinventor was an error or oversight and was not the result of any deceptive intent of me and to my present belief was not the result of any deceptive intent of MOONEY.

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9. I have assigned to MOONEY, all of my right title and interest in and to U.S. Letters Patent 5,056,550 including the right to sue for infringement thereof.

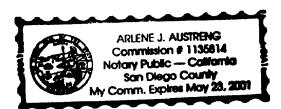
Dwight N. Johnson

State of California

County of San Diego

On this 25 day of March, 1998, before me, Arlene J. Austreng

a notary public, personally appeared Dwight N. Johnson, known to me to be the person whose name is subscribed to this instrument, and acknowledged that he executed the same.



Notary Public

My commission expires: 5-23-0/

Residing at:

March 19, 1998 N:\2496\003\JONHSTATE.wpd