

ASSIGNMENT OF SINGAPORE PATENTS

WHEREAS, COOPER INDUSTRIES, INC., an Ohio corporation, having its principal offices at 1001 Fannin, Suite 4000, Houston, Texas 77002 (hereinafter referred to in this assignment as "ASSIGNOR") is the owner of the issued patents listed in Schedule A attached hereto;

WHEREAS, COOPER CAMERON CORPORATION, a Delaware corporation, having its principal offices at 515 Post Oak Blvd., Suite 1200, Houston, Texas 77027 (hereinafter referred to in this assignment as "ASSIGNEE"), and ASSIGNOR have entered into an Asset Transfer Agreement dated January 1, 1995 (the "Asset Transfer Agreement") pertaining to the sale to ASSIGNEE of certain assets of ASSIGNOR, including the issued patents listed in the attached Schedule A;

NOW, THEREFORE, in consideration of the sum of U.S. \$10.00 (ten United States dollars) and pursuant to the Asset Purchase Agreement, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, all of ASSIGNOR's right, title, and interest in and to the issued patents listed in the attached Schedule A and to the inventions therein disclosed and all of ASSIGNOR's rights of enforcement with respect thereto, including the right to sue or recover for past infringements thereof, and any and all choses in action related thereto. ASSIGNEE may apply for and receive patents in its own name wherever so permitted by law and the ASSIGNOR shall, when requested by the ASSIGNEE, execute all rightful oaths, assignments, and powers of attorney, including but not limited to the right to file and prosecute in its own name, wherever so permitted by law, patent applications, including corresponding applications, and to claim priority of patent applications pursuant to the Paris Convention, to the ASSIGNEE and to agents and legal representatives of the ASSIGNEE, and all other papers necessary and proper to carry out the intent and purpose of this Assignment of Patents.

ASSIGNOR retains no ownership rights in the patents, the inventions, and the rights transferred to ASSIGNEE hereunder.

This assignment is effective as of April 17, 1995.

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this assignment to be executed by their duly authorized representatives.

COOPER INDUSTRIES, INC.

By: Diane K. Schumacher

Name: Diane K. Schumacher

Title: Senior Vice President,
General Counsel and Secretary

COOPER CAMERON CORPORATION

By: Michael J. Sebastian

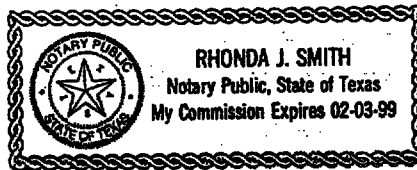
Name: Michael J. Sebastian

Title: Executive Vice President

On this 17th day of April, 1995, before me personally appeared Diane K. Schumacher, proved to me on the basis of satisfactory evidence to be the person who executed the foregoing Assignment of Singapore Patents as Senior Vice President, General Counsel and Secretary on behalf of COOPER INDUSTRIES, INC., and acknowledged to me that the corporation executed it.

WITNESS my hand and official seal.

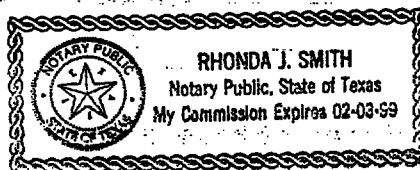
Rhonda J. Smith
Notary Public



On this 17th day of April, 1995, before me personally appeared Michael J. Sebastian, proved to me on the basis of satisfactory evidence to be the person who executed the foregoing Assignment of Singapore Patents as Executive Vice President on behalf of COOPER CAMERON CORPORATION, and acknowledged to me that the corporation executed it.

WITNESS my hand and official seal.

Rhonda J. Smith
Notary Public



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SCHEDULE A

PATENT NO.	ISSUE DATE	TITLE
9/91	09AP1991	GATE VALVE
190/93	10MR1993	VALVE STEM SEAL
192/93	10MR1993	BLOWOUT PREVENTER TESTING APPARATUS (CA)
227/90	18MY1990	FLOWLINE ADJUSTABLE JOINT
234/86 X	18FE1983	WELLHEAD ASSEMBLY
256/94	25MR1994	RETRIEVABLE GUIDE POST SYSTEM
269/94	25MR1994	WELL HOUSING AND LANDING SHOULDER
295/88 X	06SE1988	CHOKE VALVE
320/83	15SE1983	PIPE SHEARING RAM ASSEMBLY FOR BLOWOUT PREVENTER
346/86 X	15AP1987	VALVE AND STEM SEAL THEREFOR
347/86	11NO1986	ANNULAR BLOWOUT PREVENTER
348/86	11NO1986	RAM-TYPE BLOWOUT PREVENTER
362/93	28AP1993	SUBSEA PIPELINE METHOD AND APPARATUS
363/93	28AP1993	PRESSURE CONTROLLED TOOL FOR SERVICING OPERATIONS IN A PIPELINE
364/93	28AP1993	WELLHEAD SEALS (NR)
409/94	30MY1994	PRODUCTION TIEBACK CONNECTOR
424/92	22MY1992	SUBSEA TUBULAR JOINT
539/92	25JE1992	BLOWOUT PREVENTER
729/92	27AU1992	WELLHEAD VALVE
442/86 X	31DE1986	WELL SEALING ASSEMBLY HAVING RESILIENT SEAL RING WITH METAL END CAPS
485/94	30MY1994	CASING HEAD CONNECTOR
593/91	08AU1991	TELESCOPING JOINT (NR)
636/92	29JL1992	ANNULUS VALVE FOR CONCENTRIC TUBING HANGERS
660/91	26AU1991	COLLET CONNECTOR (L)
663/83	03JE1982	PIPE SHEARING RAM ASSEMBLY FOR BLOWOUT PREVENTER
666/89	28NO1989	WELLHEAD STRUCTURE AND METHOD OF PRODUCING SAME
686/89	20FE1990	RAM-TYPE BLOWOUT PREVENTER AND PACKER THEREFOR
692/91	06SE1991	GATE VALVE WITH IMPROVED SECONDARY BODY TO BUSHING SEALS
693/91	06SE1991	FLOTATION RISER (L)

SCHEDULE A (continued)

PATENT NO.	ISSUE DATE	TITLE
734/94	28JE1994	RUNNING TOOL (R)2R.
735/94	28JE1994	SAFETY CONNECTION INTO PASSAGES IN A TUBULAR BODY (NR)
786/93	16JL1993	TUBULAR JOINT WITH SEAL, METHOD FOR REPAIRING SEAL, AND REPAIR PART-INSERT
788/93	16JL1993	SUBSEA GUIDE BASE
789/93	16JL1993	TOOL FOR COLD FORGING TUBULAR MEMBERS
791/93	16JL1993	SUBSEA PIPELINE METHOD AND APPARATUS
793/91	22OC1991	TELESCOPING JOINT
827/85 X	16JE1986	ANNULAR BLOWOUT PREVENTER
828/85 X	16JE1986	ANNULAR BLOWOUT PREVENTER
853/85	16JE1986	ADJUSTABLE CONDUCTOR GUIDE ASSEMBLY FOR SUB-SEA WELLS AND METHODS AND TOOLS FOR ADJUSTMENT
872/85	16JE1986	WELLHEAD SHEARING APPARATUS
873/85 X	23SE1986	MUDLINE SUSPENSION SYSTEM
878/85	16JE1986	METHOD OF PRODUCING A LINED STRUCTURE
896/93	18AU1993	TENSION LEG JOINT (NR)
952/94	25AU1994	ELASTOMER SEAL STRUCTURE (NR)
1040/93	18OC1993	WELLHEAD ANNULAR SEAL (NR)
1041/93	18OC1993	CHOKE AND IMPROVED NEEDLE TIP THEREFOR (NR)
1042/93	18OC1993	ROD LOCKING DEVICE
1253/93	30DE1993	METHOD AND APPARATUS FOR SUPPORTING ONE TUBULAR MEMBER WITHIN ANOTHER
1263/93	30DE1993	WELLHEAD STRUCTURE
1279/94	29OC1994	WELLHEAD SLIP AND SEAL ASSEMBLY (L)
1330/94	29OC1994	TUBULAR JOINT
1331/94	29OC1994	TUBULAR CONNECTOR (L)
1337/94	29OC1994	INSULATING SUPPORT FOR TUBING STRING
1363/93	19JA1994	HEAT SENSITIVE SHAFT LOCKING APPARATUS AND VALVE USING SAME
1364/93	19JA1994	TUBULAR CONNECTOR
1365/93	19JA1994	SAFETY CONNECTOR INTO PASSAGES IN A TUBULAR BODY

SCHEDULE A (continued)

PATENT NO.	ISSUE DATE	TITLE
1638/94	30DE1994	SHEARING GATE VALVE
1704/94	30DE1994	IMPROVED LENGTH COMPENSATING JOINT (NR)
454/1978 X	30MY1975	WELL APPARATUS
564/1980	29DE1980	ANNULAR BLOWOUT PREVENTER
741/1979 X	09MY1979	ANNULAR BLOWOUT PREVENTER
742/1979 X	09MY1979	ANNULAR BLOWOUT PREVENTER

OF ASSIGNMENT FROM COOPER INDUSTRIES, INC.
TO COOPER CAMERON CORPORATION

ISSUED PATENTS: SINGAPORE

DOCKET NUMBER	PATENT NUMBER	PAT. DATE	APP NO	APP. DATE	EXPIRES
OTD-023282 GATE VALVE	9/91	09AP1991		9/91 17JA1986	17JA2006
OTE-023344 VALVE STEM SEAL	190/93	10MR1993		P190/93 23MR1988	23MR2008
OTE-023355 BLOWOUT PREVENTER TESTING APPARATUS	192/93	10MR1993		P192/93 12JL1988	26AU2012
OTD-023285 FLOWLINE ADJUSTABLE JOINT	227/90	18MY1990		227/90 05MR1986	05MR2006
OTD-023240 WELLHEAD ASSEMBLY	234/86	18FE1983		234/86 18FE1983	18FE2003
OTE-023336 RETRIEVABLE GUIDE POST SYSTEM	256/94	25MR1994		256/94 09SE1988	09SE2008
OTD-023351 WELL HOUSING AND LANDING SHOULDER	269/94	25MR1994		269/94 24NO1988	24NO2008
OTD-023266 CHOKE VALVE	295/88	06SE1988		295/88 19MR1984	19MR2004
OTD-023208 PIPE SHEARING RAM ASSEMBLY FOR BLOWOUT PREVENTER	320/83	15SE1983		320/83 21NO1978	21NO1998
OTD-023256 VALVE AND STEM SEAL THEREFOR	346/86	15AP1987		346/86 03MY1983	03MY2003
OTD-023260 ANNULAR BLOWOUT PREVENTER	347/86	11NO1986		347/86 24AU1983	24AU2003
OTD-023254 RAM-TYPE BLOWOUT PREVENTER	348/86	11NO1986		348/86 23SE1983	23SE2003
OTD-023354 SUBSEA PIPELINE METHOD AND APPARATUS	362/93	28AP1993		362/93 24NO1988	24NO2008
OTE-023361 PRESSURE CONTROLLED TOOL FOR SERVICING OPERATIONS IN A PIPELINE	363/93	28AP1993		363/93 21DE1988	21DE2008

ISSUED PATENTS: SINGAPORE (continued)

DOCKET NUMBER	PATENT NUMBER	PAT. DATE	APP NO	APP. DATE	EXPIRES
OTD-023305 WELLHEAD SEALS	364/93	28AP1993		364/93 11JA1988	11JA2008
OTD-023319 PRODUCTION TIEBACK CONNECTOR	409/94	30MY1994		409/94 11JA1988	11JA2008
OTD-023347 SUBSEA TUBULAR JOINT	424/92	22MY1992		P424/92 16AP1992	28NO2008
OTD-023290 BLOWOUT PREVENTER	539/92	25JE1992		P539/92 08JA1987	08JA2007
OTD-023335 WELLHEAD VALVE	729/92	27AU1992		P729/92 16JL1992	24NO2008
OTD-023258 WELL SEALING ASSEMBLY HAVING RESILIENT SEAL RING WITH METAL END CAPS	442/86	31DE1986		442/86 16AU1983	16AU2003
FCD-015651 CASING HEAD CONNECTOR	485/94	30MY1994		485/94 14MY1990	14MY2010
OTD-023300 TELESCOPING JOINT	593/91	08AU1991		593/91 04SE1987	04SE2007
OTD-023353 ANNULUS VALVE FOR CONCENTRIC TUBING HANGERS	636/92	29JL1992		636/92 06JL1988	06JL2008
OTD-023296 COLLET CONNECTOR	660/91	26AU1991		660/91 24AP1987	24AP2007
OTD-023207 PIPE SHEARING RAM ASSEMBLY FOR BLOWOUT PREVENTER	663/83	03JE1982		663/83 21NO1978	21NO1998
OTD-023273 WELLHEAD STRUCTURE AND METHOD OF PRODUCING SAME	666/89	28NO1989		666/89 05FE1985	05FE2005
OTD-023269 RAM-TYPE BLOWOUT PREVENTER AND PACKER THEREFOR	686/89	20FE1990		686/89 13AU1984	13AU2004
OTD-023302 GATE VALVE WITH IMPROVED SECONDARY BODY TO BUSHING SEALS	692/91	06SE1991		692/91 11AU1987	11AU2007
OTD-023281 FLOTATION RISER	693/91	06SE1991		693/91 28FE1986	28FE2006
OTD-023348 RUNNING TOOL	734/94	28JE1994		734/94 24NO1988	24NO2008

ISSUED PATENTS: SINGAPORE (continued)

DOCKET NUMBER	PATENT NUMBER	PAT. DATE	APP NO	APP. DATE	EXPIRES
OTD-023372	735/94	28JE1994	735/94	03JA1990	03JA2010
SAFETY CONNECTION INTO PASSAGES IN A TUBULAR BODY					
OTE-023323	786/93	16JL1993	786/93	01MR1988	01MR2008
TUBULAR JOINT WITH SEAL, METHOD FOR REPAIRING SEAL, AND REPAIR PART INSERT					
OTD-023357	788/93	16JL1993	788/93	23MY1989	23MY2009
SUBSEA GUIDE BASE					
OTD-023338	789/93	16JL1993	789/93	23JE1988	23JE2008
TOOL FOR COLD FORGING TUBULAR MEMBERS					
OTD-023345	791/93	16JL1993	791/93	24NO1988	24NO2008
SUBSEA PIPELINE METHOD AND APPARATUS					
OTD-023287	793/91	22OC1991	793/91	18MR1986	18MR2006
TELESCOPING JOINT					
OTD-023243	827/85	16JE1986	827/85	08NO1982	08NO2002
ANNULAR BLOWOUT PREVENTER					
OTD-023244	828/85	16JE1986	828/85	08NO1982	08NO2002
ANNULAR BLOWOUT PREVENTER					
OTD-023251	853/85	16JE1986	853/85	24FE1982	24FE2002
ADJUSTABLE CONDUCTOR GUIDE ASSEMBLY FOR SUB-SEA WELLS AND METHODS AND TOOLS FOR ADJUSTMENT					
OTD-023230	872/85	16JE1986	872/85	02MR1981	02MR2001
WELLHEAD SHEARING APPARATUS					
OTD-023235	873/85	23SE1986	873/85	30MR1981	30MR2001
MUDLINE SUSPENSION SYSTEM					
OTD-023231	878/85	16JE1986	878/85	30MR1981	30MR2001
METHOD OF PRODUCING A LINED STRUCTURE					
OTD-023346	896/93	18AU1993	896/93	04JA1989	04JA2009
TENSION LEG JOINT					
OTE-023370	952/94	25AU1994	952/94	13JA1989	13JA2009
ELASTOMER SEAL STRUCTURE					
OTD-023307	1040/93	18OC1993	1040/93	11JA1988	11JA2008
WELLHEAD ANNULAR SEAL					

ISSUED PATENTS: SINGAPORE (continued)

DOCKET NUMBER	PATENT NUMBER	PAT. DATE	APP NO	APP. DATE	EXPIRES
OTD-023303	1041/93	180C1993		1041/93 04SE1987	04SE2007
CHOKE AND IMPROVED NEEDLE TIP THEREFOR					
OTD-023298	1042/93	180C1993		1042/93 13MY1987	13MY2007
ROD LOCKING DEVICE					
OTD-023386	1253/93	30DE1993		1253/93 270C1989	270C2009
METHOD AND APPARATUS FOR SUPPORTING ONE TUBULAR MEMBER WITHIN ANOTHER					
OTD-023331	1263/93	30DE1993		1263/93 120C1988	120C2008
WELLHEAD STRUCTURE					
OTD-023324	1279/94	290C1994		1279/94 26AP1989	26AP2009
WELLHEAD SLIP AND SEAL ASSEMBLY					
OTD-T-023358	1330/94	290C1994		1330/94 08DE1989	08DE2009
TUBULAR JOINT					
OTD-023301	1331/94	290C1994		1331/94 11AU1987	11AU2007
TUBULAR CONNECTOR					
OTD-023377	1337/94	13FE1990		1337/94 13FE1990	13FE2010
INSULATING SUPPORT FOR TUBING STRING					
OTD-023359	1363/93	19JA1994		1363/93 31JA1989	31JA2009
HEAT SENSITIVE SHAFT LOCKING APPARATUS AND VALVE USING SAME					
OTD-023320	1364/93	19JA1994		1364/93 11JA1988	11JA2008
TUBULAR CONNECTOR					
OTD-023375	1365/93	19JA1994		1365/93 03JA1990	03JA2010
SAFETY CONNECTOR INTO PASSAGES IN A TUBULAR BODY					
OTD-023383	1638/94	30DE1994		1638/94 16MR1990	16MR2010
SHEARING GATE VALVE					
OTD-023115	1704/94	30DE1994		1704/94 06FE1991	06FE2011
IMPROVED LENGTH COMPENSATING JOINT					
OTD-019647	454/1978	30MY1975		454/1978 30MY1975	30MY1995
WELL APPARATUS					
OTD-019701	564/1980	29DE1980		564/1980 21JL1977	21JL1997
ANNULAR BLOWOUT PREVENTER					

ISSUED PATENTS: SINGAPORE (continued)

DOCKET NUMBER	PATENT NUMBER	PAT. DATE	APP NO	APP. DATE	EXPIRES
OTD-019645	741/1979	09MY1979	741/1979	24AU1976	24AU1996
ANNULAR BLOWOUT PREVENTER					
OTD-019646	742/1979	09MY1979	742/1979	24AU1976	24AU1996
ANNULAR BLOWOUT PREVENTER					