

03-25-2002

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)
FMC CorporationAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: November 26, 2001

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

Name: FMC Technologies, Inc.

Internal Address: _____

Street Address: 200 East Randolph Drive

City: CHICAGO State: IL ZIP: 60601

Additional names(s) & address(ies) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): See attached Schedule for ETMD-FLUID CONTROL

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

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

Name: FMC Technologies, Inc.

Internal Address: INTELLECTUAL PROPERTY
LAW DEPARTMENT

Street Address: 200 E. RANDOLPH DRIVE

City: CHICAGO State: IL ZIP: 60601

6. Total number of applications and patents involved: ☐

7. Total fee (37 CFR 3.41) ...\$1,400.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: _____

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

Michael C. Penn

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: 4

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Assistant Commissioner of Patents and Trademarks
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Washington, D.C. 20231

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PATENT
REEL: 012707 FRAME: 0130

SCHEDULE FOR ETMD - FLUID CONTROL

PCT APPLICATIONS, U.S. APPLICATIONS AND U.S. PATENTS

DOCKET -----	Ctry -----	Title -----	APP.NUMBER -----	PATENT.NUMBER -----	Exp Dt --- --
09662	USA	TELESCOPING BOOM SUPPORTED CLU	06/422807	4502505	24SE2002
09868	USA	FIRE-SAFE SEAL FOR SWIVEL JOIN	06/523510	4489953	25DE2001
09868	USA	FIRE-SAFE SEAL FOR SWIVEL JOIN	06/329492	4431217	10DE2001
09879	USA	FOLDING SERVICE LINE	06/346448	4474213	08FE2002
10010	USA	APPARATUS FOR EXTENDING AND RE	06/396511	4468166	08JL2002
10056	USA	CIRCUITRY FOR OPERATING AN EXT	06/516232	4510971	22JL2003
10088	USA	VEHICLE SUPPORTED FOLDABLE SER	06/482687	4548236	06AP2003
10114	USA	CONSTANT MOTION SWIVEL SEAL AS	06/740710	4626003	03JE2005
10357	USA	LIGHTWEIGHT INTEGRAL PUP JOINT	06/698663	4634154	06FE2005
10367	USA	QUICK CONNECT WELLHEAD ADAPTER	06/793393	4688632	31OC2005
10723	USA	PIPE CONNECTOR DEVICE	07/183220	4867483	19AP2008
10763	USA	CEMENT HEAD QUICK CONNECTOR	08/206352	5441310	04MR2014
10889	USA	PLASTIC BORE SEAL	07/415465	4930791	10AP2009
10963	USA	PIPE CONNECTOR DEVICE WITH THR	07/474864	5131692	21JL2009
10964	USA	PIPE CONNECTOR LOAD ELEMENT	07/372807	4927192	29JE2009
11258	USA	PIPE SWIVEL JOINT WITH IMPROVE	07/744611	5149148	13AU2011
11375	USA	LOAD SEGMENT ASSEMBLY WITH WIR	08/010915	5383694	29JA2013
11580	USA	TELESCOPIC SEAT SEAL ARRANGEME	08/832113	6007048	01FE2014
11607	USA	STEP BEARING RACE SWIVEL JOINT	09/703575		
11607	USA	STEP BEARING RACE SWIVEL JOINT	08/742520		
11645	USA	ASYMMETRIC SEAL SEGMENT CONFIG	08/662172	5676348	12JE2016
11673	USA	PRESSURE EQUALIZED FLOW CONTRO	08/127983	5346178	28SE2013
11760	USA	DUAL ELBOW SWIVEL JOINT WEAR R	08/717380	5720501	23SE2016

11825	USA	IMPROVED CHECK VALVE AND CHECK	08/518949	5713389	24AU2015
11876	USA	SWIVEL-JOINT STRAIGHT BORE TEF	08/680093	5624124	15JL2016
11894	USA	PUP JOINT WITH INTEGRAL WING	08/962182	5791693	22MY2016
11899	USA	CAM FOLLOWER RETAINER FOR A SW	08/611315	5676035	05MR2016
11906	USA	SWASHPLATE PUMP INCORPORATING	08/636371	5678471	23AP2016
11937	USA	SEAL WITH EXTENDED WEAR SLEEVE	08/786938	5931476	23JA2017
11939	USA	PUMP HAVING UNIDIRECTIONAL TAP	08/811084	5829338	03MR2017
12158	USA	MULTIPLE GROOVE THRUST BEARING	09/217864	6132094	21DE2018
12360	USA	TRUNNION MOUNTED BALL VALVE	09/843365		
10036	USA	CONSTANT FLOW POSITIVE DISPLAC	06/514417	4556371	18JL2003
10150	USA	PUMP RE-PRIME TANK BAFFLE	06/583519	4576337	24FE2004
10321	USA	VALVE ARRANGEMENT	06/778336	4632141	20SE2005

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR: FMC CORPORATION
1735 Market Street
Philadelphia, PA 19103 U.S.A.
Delaware (Nationality or State of Incorporation)

hereby sells, assigns and transfers to

ASSIGNEE: FMC TECHNOLOGIES, INC.
200 E. Randolph Drive
Chicago, IL 60601 U.S.A.
Delaware (Nationality or State of Incorporation)

and the successors, assigns and legal representatives of FMC TECHNOLOGIES, INC., the entire right, title and interest for the United States and its territorial possessions and all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the attached SCHEDULE FOR ETMD - FLUID CONTROL and any legal equivalent thereof in a foreign country, including the right to claim priority; and in and to all Letters Patent to be obtained for said invention or any continuation, divisional, renewal, or substitute thereof; and as to Letters Patents, any reissue or reexamination thereof;

FMC CORPORATION hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

FMC CORPORATION further covenants that FMC TECHNOLOGIES, INC. will, upon its request, be provided promptly with all pertinent facts and documents relating to said inventions and said Letters Patents and legal equivalents as may be known and accessible to FMC CORPORATION and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to FMC TECHNOLOGIES, INC. or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 26th day of November, 2001

FMC CORPORATION.

(Signature)

Vice President and General Counsel

(Title)

COUNTY OF COOK
STATE OF ILLINOIS

S.S.

On this 26th day of November, 2001, before me personally appeared Stephen F. Gates to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Patricia Orta

Notary Public in and for said County and State

“OFFICIAL SEAL”
PATRICIA ORTA
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires 8-31-03
RECORDED: 12/20/2001

PATENT
REEL: 012707 FRAME: 0133