503972186 08/23/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4018842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETROLEO BRASILEIRO S.A PETROBRAS	08/12/2016

RECEIVING PARTY DATA

Name:	CTEX - CENTRO TECNOLOGICO DE EXERCITO
Street Address:	AVENIDA DA AMERICA
Internal Address:	28705, GUARATIBA
City:	RIO DE JANEIRO, RJ
State/Country:	BRAZIL

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9243187

CORRESPONDENCE DATA

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smoses@sughrue.com Email: Correspondent Name: **BRETT S. SYLVESTER**

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ATTORNEY DOCKET NUMBER:	Q206069
NAME OF SUBMITTER:	SHERRY L MOSES, ASST TO BRETT S SYLVESTE
SIGNATURE:	/Sherry L. Moses/
DATE SIGNED:	08/23/2016

Total Attachments: 1

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PATENT REEL: 039507 FRAME: 0253

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Assignment

Whereas, PETROLEO BRASILEIRO S.A. - PETROBRAS, a Brazilian corporation, having a place of business at Av. Republica do Chile No. 65, Rio De Janeiro, RJ, Brazil, hereinafter called Assignor, is owner and assignee of record of U.S. patent application 14/110,045, now U.S. Patent 9,243,187 by assignment recorded on November 22, 2013 at Reel 31661, Frame 626; and

Whereas, CTEx - Centro Tecnologico de Exercito, a Brazilian corporation, having a place of business at Avenida da America, 28705, Guaratiba, Rio de Janeiro, RJ, Brazil, hereinafter called Assignee, desires to acquire twenty percent (20%) of PETROLEO BRASILEIRO S.A. - PETROBRAS's entire right, title, and interest in said application and inventions disclosed therein, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged; PETROLEO BRASILEIRO S.A. - PETROBRAS hereby sells, assigns and transfers to CTEx - Centro Tecnologico de Exercito, its successors and assigns, twenty percent (20%) of PETROLEO BRASILEIRO S.A. - PETROBRAS's entire right, title and interest in U.S. U.S. Patent 9,243,187.

IN WITNESS WHEREOF, PETROLEO BRASILEIRO S.A. - PETROBRAS has executed this Assignment by proper persons duly authorized.

Date: August, 12, 2016.

RECORDED: 08/23/2016

Name: Title: Attacement I Topen PERENA

PATENT REEL: 039507 FRAME: 0254