Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HFSC Company	01/10/2007

RECEIVING PARTY DATA

Name:	SYNTHES (U.S.A.)	
Street Address:	1302 Wrights Lane East	
City:	West Chester	
State/Country:	PENNSYLVANIA	
Postal Code:	19380	

PROPERTY NUMBERS Total: 13

Property Type	Number
Patent Number:	7001333
Patent Number:	7081119
Patent Number:	7033363
Application Number:	10683000
Application Number:	10619472
Application Number:	10642608
Application Number:	10931788
Application Number:	10684351
Application Number:	10917560
Application Number:	10682997
Application Number:	10884705
Application Number:	11193807
Application Number:	11416489

CORRESPONDENCE DATA

PATENT REEL: 018757 FRAME: 0507

500207764

Fax Number: (212)755-7306

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2123263988

Email: gcuaycong@jonesday.com
Correspondent Name: Geneveve G. Cuaycong

Address Line 1: Jones Day, 222 East 41st Street
Address Line 4: New York, NEW YORK 10017

ATTORNEY DOCKET NUMBER: 8932-MASS ASSIGN3

NAME OF SUBMITTER: Brian M. Rothery

Total Attachments: 4

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> PATENT REEL: 018757 FRAME: 0508

ASSIGNMENT

WHEREAS, HFSC Company, ASSIGNOR, a Partnership organized under the laws of the Commonwealth of Pennsylvania and having a place of business at 1302 Wrights Lane East, West Chester, PA 19380, has all right, title and interest in the United States Patent Applications/Patents, described in SCHEDULE A, attached hereto, and all inventions disclosed, described and claimed therein ("the Inventions") in the United States and its possessions and territories, Canada and its possessions and territories, the Bahamas, and Bermuda (hereinafter "the Territory");

AND WHEREAS, Synthes (U.S.A.), ASSIGNEE, a Partnership organized under the laws of the Commonwealth of Pennsylvania and having a place of business at 1302 Wrights Lane East, West Chester, PA 19380, is desirous of obtaining any and all right, title and interest to the Inventions, in the Territory, including the right to bring an action and recover damages for past infringements, if any;

AND WHEREAS, ASSIGNOR is desirous of assigning the entire right, title and interest to the Inventions in the Territory, including the right to bring an action and recover damages for past infringement, if any;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, all ASSIGNOR'S rights, title and interest in the Inventions in the Territory including the right to bring an action and recover damages for past infringement, if any; and all rights, title and interest in any corresponding patent applications and all divisions, renewals and continuations thereof, and all Patents which may be granted thereon and all reissues and extensions thereof; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said Inventions in the Territory and all extensions, renewals and reissues thereof;

AND ASSIGNOR HEREBY covenants and agrees that it has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR HEREBY further covenants and agrees that it will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to it respecting said Invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper protection for said Inventions in the Territory.

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AND ASSIGNOR HEREBY further covenants and agrees that it has read this Assignment, knows and understands its contents, and comprehends and agrees to all of its terms, conditions and meanings and their significance.

IN TESTIMONY WHEREOF, the person executing this Assignment in a representative capacity on behalf of the ASSIGNOR warrants that he/she is fully authorized and empowered to do so and sets his/her hand and seal the day and year set with his/her signature.

ASSIGNOR:	HFSC Company	
Troy T. Svihl	Authorized to sign on behalf of HFSC Company	
Signature:	Weller	
Position/Title:	Patent Counsel	
Address:	1302 Wrights Lane East	
	West Chester, Pennsylvania 19380	
Date:	10 January 2007	
Commonwealth of Pe	enculvania)	
commonwealth of 1 e) SS.:	
County of Chester		

On <u>Yanuary 10, 2061</u>, before me, <u>Carrie A. McPherion</u> Notary Public, personally appeared <u>Troy T. Svihl</u>, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Carrie A. McPherson, Notary Public West Chester Boro, Chester County My Commission Expires Jan. 27, 2010

Member, Pennsylvania Association of Notaries

ASSIGNEE:	Synthes (U.S.A.)
Troy T. Svihl	Authorized to sign on behalf of Synthes (U.S.A.)
Signature:	Juglier
Position/Title:	Patent Counsel
Address:	1302 Wrights Lane East
	West Chester, Pennsylvania 19380
Date:	10 January 2007

Commonwealth of Pennsylvania) SS.:
County of Chester)

On <u>Sancery 10. 3601</u>, before me, <u>arrie A. M. Phersia</u> Notary Public, personally appeared <u>Troy T. Svihl</u>, personally known to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Carrie A. McPherson, Notary Public West Chester Boro, Chester County My Commission Expires Jan. 27, 2010

Member, Pennsylvania Association of Notaries

SCHEDULE A

Appln. No./ Patent No.	Filing/ Issue Date
1. Pat. 7,001,333	02/21/2006
2. App. 10/683,000	10/14/2003
3. App. 10/619,472	07/16/2003
4. App. 10/642,608	08/19/2003
5. App. 10/931,788	09/01/2004
6. Pat. 7,081,119	07/25/2006
7. App. 10/684,351	10/09/2003
8. App. 10/917,560	08/13/2004
9. App. 10/682,997	10/04/2003
10. App. 10/884,705	07/02/2004
11. Pat. 7,033,363	04/25/2006
12. App. 11/193,807	07/28/2005
13. App. 11/416,489	05/01/2006

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REEL: 018757 FRAME: 0512

RECORDED: 01/16/2007