Form PTO-1595 <b>3 24 0 6</b> -93 OMB No. 0651-0011 (exp. 4/94)	04-08		U.S. Department of Comm Patent and Trademark O	
To the Honorable Commissioner of Pathereof.	10204		1 original documents or copy	PTO
1. Name of conveying party(ies):  Timothy G. Vendrely Samuel G. Sackett Leslie J. Ungers  Additional name(s) of conveying party(ies)  [ ] Yes [X] No  3. Nature of Conveyance:  [X] Assignment [ ] Merge [ ] Security Agreement [ ] Chang [ ] Other  Execution Date(s): 03/27/02	) attached?	<ol> <li>Name and addres Name: <u>DePuy Orthornal DePuy Orth</u></li></ol>	Orthopaedic Drive ana ZIP 46581	No 10976 DE No 10979 U.S.
Application number(s) or patent number     If this document is being filed together w     A. Patent Application No(s)  Additional number  Title Base Count Minima Application and the second seco	rs attached? [ ] Ye	B. Patent No(s)	f the application is <u>03/27/02</u>	
Title: Bone Cement Mixing Apparatus an Docket No. 1671-0209/DEP-653				
<ol><li>Name and address of party to whom cor concerning document should be mailed:</li></ol>	respondence	6. Total number of	applications and patents involved 1	
Name: Paul J. Maginot		7. Total fee (37 CF)	R 3.41): \$40.00	
Internal Address: Maginot, Moore & Bow	man, LLP	[X] Enclosed [ ] Authorized to	be charged to deposit account	
Street Address: Bank One Center/Tower  111 Monument Circle Suite 3000 City: Indianapolis State: IN Zip: 4	46204-5115	8. Deposit Account  (Attach duplicate account)	number: 13-0014  copy of this page if paying by depo	sit
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PATENT REEL: 012749 FRAME: 0431

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s)	Timothy G. Vendlrely	
of Inventor(s)	Samuel G. Sackett	
	Leslie J. Ungers	
	maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled	
Title of	Bone Cement Mixing Apparatus and Method	
Application	hereinafter (the Application(s))	
	which has been executed by the undersigned on	
Date of signing of Application by each inventor	and and3/27/02	
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	Depuy Orthopaedics, Inc.	
Address of principal	700 Orthopaedic Drive	
place of business	Warsaw, Indiana	
Insert State of		
Incorporation	Indiana	
(if applicable) or "Not Applica	able"	

(hereinafter designated as the Assignee) their entire right, title, and interest in, to and under the Application(s), including all priority rights for the United States and for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Application(s), and also to execute separate assignments in connection with such Application(s) as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), or reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Page 1 of 4

## ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEDEOF I have executed this assignment at

	day of	, 2002.	
Outside the USA: Witnesses are required when	Witness		Inventor (Signature)
acknowledgment before a Notary Public is not feasible.	Witness		Timothy G. Vendrely Inventor (Printed Name)
		ACKNOWLEDGME	ENT
STATE OF	} } }	SS:	
	-	otary Public, within and for said, 2002.	County and State. Witness my hand and Notarial Se
		No	otary Public
		Pr	rinted Name
My Commissio	on Expires:		Resident of

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blic is not sible.	Witness		In	ventor (Printed Name)
		ACKN	OWLEDGMENT	
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Acknowledg	ged before me, a N	otary Public, within	and for said County a	nd State. Witness my hand and Notarial S
sda	y of		, 2002.	
			Notary Pub	lic
			Printed Na	ne

IN WITNESS WHEREOF, I have executed this assignment	In at	this
, 2002.		
Outside the USA:	Leslie J. Ungers Inventor (Printed Name)	
ACKNOWL	DGMENT	
STATE OF ( ) SS:  COUNTY OF A ( ) Nu ( ) > - }		
Acknowledged before me, a Notary Public, within and	or said County and State. Witness my	hand and Notarial Seal
3 3th 2 1 11 1 1	Notary Public	Alin Studi
	Marcella A. Da	
The OF MANAGEMENT	Printed Name Notary Public, My Commission Exp	
My Commission Expires:	Resident of	

Name(s)

Timothy G. Vendlrely

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

of Inventor(s)	2	
of inventor(s)	Samuel G. Sackett	
	Leslie J. Ungers  maker(s) of an invention which is the subject of an application for Letters Patent	
	of the United States ("Application") entitled	
Title of Application	Bone Cement Mixing Apparatus and Method hereinafter (the Application(s))	
	which has been executed by the undersigned on	
Date of signing of Application by each inventor	$\frac{3/27/02}{2}$ and $\frac{3/27/02}{2}$ and	
	the undersigned hereby sell(s), assign(s), and set(s) over to	
Name of Assignee	Depuy Orthopaedics, Inc.	
Address of	700 Orthopaedic Drive	
principal place of business	Warsaw, Indiana	
Insert State of Incorporation (if applicable)	Indiana	
or "Not Applica	able"	

(hereinafter designated as the Assignee) their entire right, title, and interest in, to and under the Application(s), including all priority rights for the United States and for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Application(s), and also to execute separate assignments in connection with such Application(s) as the Assignee may deem necessary or expedient.

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The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

## ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNE	SS WHEREOF, I have executed ay of	this assignment at Varsium, Indiana this, 2002.
Outside the USA: _		Inventor (Signature)
Witnesses are required when acknowledgment	Witness	Inventor (Signature)
before a Notary		Timothy G. Vendrely
Public is not feasible.	Witness	Inventor (Printed Name)
		CKNOWLEDGMENT
STATE OF Indicate COUNTY OF COUNTY O	ged before me, a Notary Public,	within and for said County and State. Witness my hand and Notarial Seal
this $\frac{2^n}{2^n}$ da	ny of March	, 2002.
		Mancy Williams Notary Public
		NANCY WILLIAMS
		NOTARY PUBLIC STATE OF INDIANA Print & PSGHISKO COUNTY
		MY COMMISSION EXP. JUNE 21,2008
My Commission County	Expires: $\frac{6/21/2008}{}$	Resident of KONCiusko

IN WITNESS	whereof, I have executed this assign	nment at <u>Warraw, Indiana</u> this
Outside the USA: Witnesses are required when acknowledgment before a Notary	Witness	Inventor (Signature)  Samuel G. Sackett
Public is not feasible.	Witness	Inventor (Printed Name)
STATE OF Dinde		LEDGMENT
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Acknowledged thisday		d for said County and State. Witness my hand and Notarial Seal 2002.
		Mancif Williams  Notary Public (
		NANCY WILLIAMS  NOTARY PUBLIC STATE OF INDIANA  KOSCIUSKO COUNTY  NY COMMISSION EXP. JUNE 21,2008
My Commission E County	xpires: $6/21/2008$	Resident of KUNCILISEE

IN WITNI	ESS WHEREOF, I I	nave executed this a	ssignment at	this
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