Patent and Trademark Offic PATENT 11)0798155 RECORDATION FORM COVER SHEET PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s)/or copy(ies).	<b></b>		
	Expres 06/30/99	07-17-1998	Patent and Trademark Office
HUD/98155         PATENTS ONLY         PATENTS ONLY         TO: The Commissioner of Patents and Trademarks. Please record the attached original document(s)/or copytics).         Submission Type         New	OMB 0651-0027		
RECORDATION FORM COVER SHEET       1/2/96 · gradiestical and Trademarks. Please record the attached original document(s)/or copy(tes).         TO: The Commissioner of Patents and Trademarks. Please record the attached original document(s)/or copy(tes).         X       New         X       New         X       New         X       New         X       Security Agreement         Convection of PID Error       Convection of PID Error         Reel #       Frame #         Convection of PID Error       Wark if additional names of conveying parties attached         Mame (ine 1)       Lidense         Convection Proceeding Party(ics)       X         Mark if additional names of conveying parties attached       Mark if additional names of conveying parties attached         Mame (ine 1)       Edditer Ray 111       7         Name (ine 2)       Mark if additional names of conveying parties attached         Name (ine 3)       Stoci Hiuldiaga, Enc.       Wark if additional names of conveying parties attached         Name (ine 3)       Stoci Hiuldiaga, Enc.       Wark if additional names of conveying parties attached         Name (ine 3)       Stoci Hiuldiaga, Enc.       Wark if additional names of conversing Party only.         Name (ine 3)       Stocie       Stocie         Address (ine 3)       <		100798155	
To: The Commissioner of Patents and Trademarks. Please record the attached original document(s)/or copy(ies).         Conveyance Type         X New         Resubmission (Non-Recordation)         Document De         Correction of PTO Error         Reel #       Frame #         Corrective Document         Corrective Document Approximation         Document De/         Corrective Document Approximation         Name (ine 1)         Lawrence H. Boyd         Name (ine 2)         Second Party         Name (ine 2)         Second Party         Name (ine 2)         Sume (ine 2)         Name (ine 2)         SUG1 Holdings, Inc.         Name (ine 2)         Sume (ine 2)         Name (ine 2)         Address (ine 3)         Mark if additional names of receiving parties attached         If BOO Pyrum Id Place         Name (ine 2)         Name (ine 2)         Address (ine 3)         Memphis         State, an appointment of a social comment on the social comment on	F		
X       New         Resubmission (Non-Recordation)       X         Document I/a       Charge of Name         Correction of PTO Error       Reel #         Reel #       Frame #         Corrective Document       Corrective Document         Corrective Document       Document Agencies)         Reel #       Frame #         Corrective Document       Document Agencies)         Name (line 1)       Lawrence M. Boyd         Name (line 1)       Execution Date         Scood Party       Mark if additional names of conveying parties attached         Receiving Party       Mark if additional names of receiving parties attached         Name (line 2)       Execution Date         Receiving Party       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Address (line 3)       Mark if additional names of receiving parties attached         Address (line 3)       Mark if additional names of receiving parties attached         Name (line 2)       Statis, an appointment of a domeste         Address (line 3)       Mark if a	TO: The Commissioner of Patents and	PAIENIS ONLY d Trademarks: Please record the attached original of	document(s)/or copy(ies).
In the mean of the second attend of the second attend of the second of the secon	Submission Type		
			Agreement
Reel #       Frame #		License Change of	f Name
Corrective Document       If and the set of the second of th			
Conveying Party(ies)       Image: Mark if additional names of conveying parties attached Execution Data Month Day Year         Name (line 1)       Lawrence M. Boyd       7       6       98         Name (line 2)       Execution Data Month Day Year       7       6       98         Second Party       Eddie Ray (III       7       6       98         Name (line 2)       Execution Data Month Day Year       7       6       98         Second Party       Eddie Ray (III       7       6       98         Name (line 2)       Execution Data Month Day Year       7       6       98         Name (line 2)       Execution Data Month Day Year       7       6       98         Name (line 2)       Mark if additional names of receiving parties attached is on total preving parties attached (Designation must be a month from Assignment)       6       6         Address (line 2)       SateCoonty       38/332       32       36/332         Domestic Representative Name and Address       Enter for the first Receiving Party only.       Assignment, from Assignment, f	Corrective Document	(For Use ONLY by U.S. Gover	nment Agencies)
Name (line 1)       Lawrence M. Boyd         Name (line 1)       Lawrence M. Boyd         Second Party       Execution Date         Name (line 2)       Execution Date         Second Party       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       If document to be recorded         Name (line 2)       If document to be recorded         Name (line 2)       Summer (line 2)         Address (line 2)       If 800 Pyramid Place         Address (line 2)       Summer (line 2)         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       Summer (line 2)         Address (line 3)       Summer (line 2)         Address (line 3)       For of FICE USE ONLY         Y       Summer (line 3)         Address (line 4)       Summer (line 3)         Address (line 3)       Summer (line 3)         Address (line 3)       Summer (line 3)         Address (line 4)       Summer (line 3)         FOR OFFICE USE ONLY			
Name (line 2)       Execution Date         Name (line 2)       7       6       98         Name (line 2)       7       6       98         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       Mark if additional names of receiving parties attached         Name (line 2)       If document to be recorded         Name (line 2)       If additional names of receiving parties attached         Name (line 2)       If document to be recorded         Name (line 2)       If additional names of receiving parties attached         Address (line 1)       1800 Pyramid Place       Good         Address (line 2)       StateCountry       Xo Code         Dornestic Representative Name and Address       Enter for the first Receiving Party only.         Name       Image: State of the control of t			Month Day Year
Second Party       Execution Dise         Name (line 1)       Eddie Ray III         Address (line 2)       Image: Construction of the control of the co			
Name (ine 1)       Eddie Ray III       7       6       98         Name (ine 2)			
Receiving Party       Mark if additional names of receiving parties attached         Name (line 1) SDG1 Holdings, Inc.       If document to be recorded is an assignment and the receiving parties attached         Name (line 2)       If document to be recorded is an assignment and the control to the united States, as appointment of a domestic domestic doffice.         A			
Name (ine 1)       SDG1 Holdings, Inc.         Name (ine 2)       If document to be recorded is an assignment and the receiving party is not domicled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)         Address (ine 1)       1800 Pyramid Place         Address (ine 2)       States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)         Address (ine 3)       Memphis         Cav       StateCountry         State Country       Zip Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       StateCountry         Address (ine 2)       StateCountry         Address (ine 3)       FOR OFFICE USE ONLY         FOR OFFICE USE ONLY       States of the notice of information is admented to average operationatory of admented of Country of the first fractioned of Concerts, Workingth, States of the state for the first fractioned of Country of the states of the collection of the matter of the first fractioned of Country of the states of the collection of the first fractioned of Country of the first fractioned of the first fractioned of the counted of the	Name (line 2)		
Name (ine 1)       SDG1 HoldLings, Inc.       is an assignment and the receiving party is not derived in the United States, an appointment of a domestic in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document)         Address (ine 1)       1800 Pyramid Place	Receiving Party	Mark if additional nam	nes of receiving parties attached
Name (line 2)       domiciled in the United         Address (line 1)       1800 Pyramid Place       Suites, an appointment of a domestic representative is attached. (Designation must be a separate document from Address (line 2)       attached. (Designation must be a separate document from Assignment.)         Address (line 3)       Memphis       TN       U.S.A.       38132         Cotv       StateCounty       Zie Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       -         Address (line 2)       -         Address (line 3)       -         Address (line 4)       -         FOR OFFICE USE ONLY       -         For Office USE ONLY       -         Address (line 4)       -         Mathe burden reporting for this obtacked of information is submated to average septendimity 30 shatuses per Cover Steet to be recorded, including the document and states of the obtacked of information is submated to average septendimity 30 shatuses per Cover Steet to be recorded, including the document and states of the obtacked of the complete the Cover Steet, see to be recorded with required cover Steet to be recorded, including the document and states of the obtacked of the complete the Cover Steet, see to be recorded with required cover Steet to be recorded, including the document and states of the obtacked bits of the mathem and the address regenerative the states of the complete the Cover Steet, see address Mail documents to be aftrademateris, Box Assignments, Wassignments	Name (line 1) SDGI Holdings, II	nc .	1 1 2 2 1
Address (ine 1)       1800 Pyramid Place       of a domestic presentative is attached. (Designation must be a separate document from Assignment.)         Address (ine 2)       assignment.)         Address (ine 3)       Memphis       TN       U.S.A.       38132         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name       -         Address (ine 1)       -         Address (ine 2)       -         Address (ine 3)       -         Address (ine 4)       -         FOR OFFICE USE ONLY       -         Statement of the oddenesion of information is astandad to average approximately 30 minutes are Cover Short to be recorded in the document and genericity the data needed to complete the Cover Short, Patter of the generative regarding the the document and genericity the data needed to complete the Cover Short, Patter of the generative regarding the the document and genericity the data needed to complete the Cover Short, Patter of the generative regarding the the document and genericity the data needed to complete the Cover Short, Patter of the generative regarding the thermatic regarding the the document and genericity the data needed to complete the Cover Short, Patter of the oddiction and Regenerative regarding the thermatic regarding the thermaticon the cover Short the cover short the cover thermatic r	Name (line 2)		domiciled in the United
Address (ine 2)  Address (ine 3)  Memphis  TN U.S.A. 38132  Zia Code  Cav  Cav  StateCounty  Zia Code  Code Code	Address (line 1) [1800 Pyramid Plac	C D	of a domestic
Address (line 1)			(Designation must be a separate document from
CRV       State/Country       Zip Code         Domestic Representative Name and Address       Enter for the first Receiving Party only.         Name	Address (line 2)		Assignment.)
Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY Address of this collection of information is estimated to everage approximately 30 minutes per Cover Sheet to be recorded, including them for reviewing the decument and budget, Paperorit Readmant of the Cover Sheet to be recorded, including them for reviewing the decument and the decument and the deciment of themation for the cover Sheet. Seed community of the seturated to everage approximately 30 minutes per Cover Sheet to be recorded, including the decument and budget, Paperorit Readmant of Collection Project (Section Project (Se			
Address (line 1)		no and Addrocc	
Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY Mail documents to be recorded with required cover sheet(s) information (0.5, 2003). See OM Mail documents to be recorded with required cover sheet(s) information (co. 2) Mail documents to be recorded with required cover sheet(s) information (co. 2) Mail documents to be recorded with required cover sheet(s) information (co. 2) Mail documents to be recorded with required cover sheet(s) information (co. 2) Mail documents to be recorded with required cover sheet(s) information (co. 2)	Name		
Address (line 2) Address (line 3) Address (line 3) FOR OFFICE USE ONLY FOR OFFICE USE ONLY Mail documents to be recorded with required cover sheet(s) information. To the Address. Mail documents to be recorded with required cover sheet(s) information, D.C. 20231	Address (line 1)	-	
Address (line 3) Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY Address (line 4) Address Address (line 4) Address (line 4) Address (line 4) Address (			A
Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gothering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Cover Sheet (081-0827), Waitington, U.C. 2003. See OMB Information Collection Budget Paskage 665-0627, Patent and Trademark Assignment Proteins. Cover Sheet(s) information to:	Address (line 2)		
Address (line 4) FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY FOR OFFICE USE ONLY Mail documents and Regulatory Affairs, Office of Information Collection Budget, Peakage 661-0627, Waitington, D.C. 2003. See OMB Information Collection Budget Peakage 661-0627, Collection Budget, Peakage 661-0627, Waitington, D.C. 2003. See OMB Mail documents to be recorded with required cover sheet(s) information to:	Address (line 3)		
FOR OFFICE USE ONLY  Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gethering the data needed to complete the Cover Sheet. Send commander regarding this burden estimate to the U.S. Patent and Trademark Office, Clark Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Internation and Regulatory Affairs, Office of Internation and Regulatory Affairs, Office of Internation Collection Budget, Paperwork Reduction Project (0811-0027), Washington, D.C. 20003, See Office of Information Collection Budget, Paperwork Reduction Project (0811-0027), Washington, D.C. 20003, See Office of Internation Collection Budget, Paperwork Reduction Project (0811-0027), Washington, D.C. 20003, See Office of Internation Collection Budget, Paperwork Reduction Project (0811-0027), Washington, D.C. 20003, See Office of Internation Collection Budget, Paperwork, Reduction Project (0811-0027), Washington, D.C. 20003, See Office of Internation Collection Budget, Paperwork, Reduction Project (0811-0027), Washington, D.C. 20003, See Office of Internation Collection Budget, Paperwork, Reduction Project (0811-0027), Washington, D.C. 2003, See Office of Internation Collection Budget, Paperwork, Reduction Project (0811-0027), Washington, D.C. 2003, See Office of Patents and Trademark Assignment Projection, D.C. 2007, See Office of Internation Collection Budget, Paperwork, Box Assignments , Washington, D.C. 2007, See Office of Patents and Trademarks, Box Assignments , Washington, D.C. 2007, See Office Office of Patents and Trademarks, Box Assignments , Washington, D.C. 2007, See Office Office of Patents and Trademarks, Box Assignments , Washington, D.C. 2007, See Office Office Office Office of Patents and Trademarks, Box Assignments and Patents and Pat	Address (line 4)		
Mail documents to be recorded with required cover sheet(s) information to:		FOR OFFICE USE ONLY	4
Mail documents to be recorded with required cover sheet(s) information to:			10000
Mail documents to be recorded with required cover sheet(s) information to:			
Mail documents to be recorded with required cover sheet(s) information to:	Public burden reporting for this collection of information gathering the data needed to complete the Cover Shost. D.C. 20231 and to the Office of Information and Resolutor	is estimated to average approximately 30 minutes per Cover Sheet to be recon Send commands regarding this burden estimate to the U.S. Patent and Tradem ry Affairs. Office of Management and Budget, Paperwork Reduction Project (30)	ues, manage are for reviewing the document and ark Office, Capit Information Officer, Weshington, \$1-0027), Walkington, D.C. 20003. See Office
Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C.20231	Mail documents to	o he recorded with required cover sheet(s) iniormal	
	Commissioner of Pat	ents and Trademarks, Box Assignments , Washingt	ton, D.C.20231

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Number	(317) 634-3456
Name Joseph A.Naughton		
Address (line 1) Woodard, Emhardt,	Naughton, Moriarty & McNett	
Address (line 2) 111 Monument Circl	e, Suite 3700	
Address (line 3) Bank One Center/To	wei	
Address (line 4) Indianapolis, Indi	ana 46204-5137	
Pages Enter the total number of p including any attachments	ages of the attached conveyance docun	nent # 3-
Application Number(s) or Patent Nu Enter either the Patent Application Number or the		additional numbers attached
Patent Application Number(s)	Paten	t Number(s)
Fee Amount Method of Payment: Encl Deposit Account	for Properties Listed (37 CFR 3.41): \$	
Fee Amount Method of Payment: Encl Deposit Account (Enter for payment by deposit account or if add	for Properties Listed (37 CFR 3.41): \$ Osed Deposit Account	
Fee Amount Method of Payment: Encl Deposit Account (Enter for payment by deposit account or if add Statement and Signature To the best of my knowledge and be	for Properties Listed (37 CFR 3.41): \$ Osed Deposit Account ditional fees can be charged to the account.) Deposit Account Number: #	40.00 23-3030 Yes X No nd correct and any

FORM PTO-1 Expires 06/30/99 OMB 0651-0027							Patent ai	U.S. Department of Comment Patent and Trademark Offer PATENT		
Conveying Pa	-	Ma	ark if additi	onal names of	conveying par	ties attach	ed	Execution D		
Name (line 1)	<b>Conveying Parties</b> Thomas McGahan				Washing		(	onth Day	RO	
	Inomas McGanan				- Polando a se lut, il novano			7 6	地上間	
Name (line 2)								Execution D	ale	
Name (line 1)							M	onth Day		
Name (line 2)										
								Execution Day		
Name (line 1)				*****						
Name (line 2)										
Receiving Pa	rtv(ies)			Mark if additio	nal names of	receiving r	arties atta	ched		
-	Receiving Party(ies)					i coornig p		cheu		
Name (line 1)								cument to be assignment		
Name (line 2)			nan acam amin'ny desir desir desir	and a line and a such that the basis of the set	Vertale in dittili di como verto s'h	1	recei dom	iving party is iciled in the U	not Inited	
	r						of a	es, an appoint domestic rep	resentative	
Address (line 1)			angar ar Malina Jawangka an dibuMatabahan t		1	]	mus	ached. (Desi t be a separal iment from		
Address (line 2)								gnment.)		
Address (line 3)						]				
Audic33 (mes)	City			State/Country		Zij	o Code			
Name (line 1)								cument to be assignment		
Name (line 2)						]	recei	ving party is ciled in the U	not	
	р						State	s, an appoint estic represer	ment of a	
Address (line 1)			ung an			]	be a	hed. (Design separate doc		
Address (line 2)						]	Assi	gnment.)		
Address (line 3)	[		<u> </u>			] [				
	City			State/Countr			Zip Code			
	lumber(s) or Patent e Patent Application Number				dditional num			opertv).		
	atent Application Number						umber(s)			
				[						
				(						
							]	L		
								L		
			'				I	[		
				· L			]	L		

PATENT REEL: 9348 FRAME: 0219

## ASSIGNMENT

WHEREAS, Lawrence M. Boyd and Eddie Ray III, whose post office addresses are 5105 Lynbar Avenue, Memphis, TN 38117, and 8691 Cedar Farms Drive, Cordova, TN 38018, hereinafter referred to as Assignors, have made a new and useful invention in a TEMPLATE FOR POSITIONING INTERBODY FUSION DEVICES, which is a continuation-in-part of pending application Serial No. 08/889,473 filed July 8, 1997, which is a divisional application of Serial No. 08/427,432 filed April 24, 1995, now U.S. Patent No. 5,645,549, and for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, SDGI Holdings, Inc., hereinafter referred to as Assignee, a corporation of the State of Delaw are having a principal place of business at 1800 Pyramid Place, Memphis, Tennessee 38132, desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under said application, and in, to and under said application, and in, to and thereign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for an in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hard paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said

I

invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application for United States Letters Patent executed by Assignors this  $\underline{b}^{\mu}$  day of  $\underline{\phantom{a}}_{x}$   $\underline{\phantom{a}}_{y}$ , 1998, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the firm of Woodard. Emhardt, Naughton, Moriarty & McNett of Bank One Center Tower, 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert here in parentheses (Serial No.

Filed ) the date and serial number of said application when officially known, and Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee

2

WITNESS Assignors'	hands this	6th	day of	ل ل	,1 y	,	1998.
				٨			

By: By

Вч

homas McGuhan



PATENT

RECORDED: 67/07/1998

PATENT REEL: 9348 FRAME: 0221