11	Foreign Reference	EP0523174B1.pdf	506139 05eef91668475167182e4cc1a68044e8ac61	no	7
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12	Foreign Reference	EP0537572B1.pdf	788675	no	14
12	roreignmererence	E1 0557 57 281.pdi	718e9757144d2e01501eea38cb1ef1bf6b6 caf6e	110	14
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13	Foreign Reference	EP0541987B1.pdf	2232827	no	34
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14	Foreign Reference	EP0545029A1.pdf	1213404	no	19
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15	Foreign Reference EP0552050B1.pdf		cc42adfc68b0f08591d65166a65b96ae4742 199f	no	26
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17	Foreign Reference	EP0578425B1.pdf	c0c809213916fcfc42bd6b067b6016c92ac1 000f	no	19
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20	Foreign Reference	EP0594148A1.pdf	398453 c252ced57bb3afb021c4770a5e756a164621 d559	no	6
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21	Foreign Reference	EP0598618B1.pdf	bdf9669634c93506c3b8d403a3a97dbd718 467dd	no	19
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22	Foreign Reference	EP0600182A2.pdf	8893f2eb62fe2e51b76f723c69a875ba97a3 1cd0	no	60
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24	Foreign Reference	EP0605351B1_Eng_Abstract. pdf	804375	no	18
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25	Foreign Reference	EP0623316B1.pdf	af4d275f982a7a2b29f2c0ea8e9797dd16f1 5f64	no	13
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26	Foreign Reference	EP0625077B1.pdf	dd228d357c4daac956d31cc0170113aacb3 33738	no	14
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27	Foreign Deference	ED0425325B1 m4f	1681098	no	22
27	Foreign Reference	EP0625335B1.pdf	487fcecc1141b2520793d966e4eddea0110 4bfb5	no	33
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29	Foreign Reference	EP0633749B1.pdf	321106 cababbeee4f410c270921ac8fe78b4d807e4 370c	no	5
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32	Foreign Reference	EP0646356A2.pdf	ed899c121974219e32d65a67b06becc0a00 1911f	no	21
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34	Foreign Reference	EP0648476B1.pdf	5ebb8d29f9c03dc7deddcf575dbe3a06d17 34d2a	no	39
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38	Foreign Reference	EP0656188B1.pdf	2390683 a5ded6874bb5e7ac4b31c83d1947fec9a7b 2b1fb	no	50	
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39	Foreign Reference	EP0667119B1.pdf	10408ef7b4951dc45dbc38009f73ef766106 bcd7	no	9	
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40	Foreign Reference	EP0669104A1.pdf	669ac5774d5ab3c5abdae6a100d4aabfab2 ef9a3	no	17	
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41	Foreign Reference	EP0676173B1.pdf	fe912c16dd30a4c74e4f0d4583969aa739a5 3764	no		
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43	Foreign Reference	EP0679367A2.pdf	bd6410d8f6bd0210f0bf95796ede5e7efabd ba6a	no	17	
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44	Foreign Reference	EP0685204A1.pdf	1a1141c061da6c2670a33ddb313fdec8e52 59334	no	19	
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45	Foreign Reference	EP0694290B1.pdf	2f7750f2a5ffe2b5f839735de21cdffb9d928 5ad	no	9	
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46	Foreign Peferonce	ED0605144D1 = 46	1217907	20	17	
40	Foreign Reference	EP0695144B1.pdf	7d55071174eadc2a7adf0e74055232bca8c c4b76	no	1/	
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47	Foreign Reference	EP0699418A1.pdf	870252	no	18
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48	Foreign Reference	EP0702937A1.pdf	641919	no	12
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49	Foreign Reference	EP0705570B1.pdf	1531813	no	29
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51	Foreign Reference	EP0708618B1.pdf	971628	no	14
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52	Foreign Reference	EP0710090B1.pdf	1327674	no	17
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53	Foreign Reference	EP0711611A2.pdf	650559	no	12
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54	Foreign Peference	EP0717966B1.pdf	725998	n o	11
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National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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	Substitute for form 1449/PTO		Complete if Known		
Substitute for fo			Application Number	13/369,609	
INFORMATION DISCLOSURE			JRE	Filing Date	February 9, 2012
	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721
(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	1	of	82	Attorney Docket Number	END5924USCNT2/060339CON2

		U.S	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Substitute for for	Substitute for form 1449/PTO		Application Number	13/369,609		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	February 9, 2012			
		First Named Inventor	Frederick E. Shelton, IV			
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	2	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number - Kind Code ² (<i>if known</i>)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
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	OTATEMENT DI ATTEMANT			Art Unit	3721	
(us e a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	3	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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	(use as many sheets as necessary)			Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
Sheet	4	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		NON PATENT LITERATURE DOCUMENTS					
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		European Examination Report, Application No. 08250100.8, dated February 19, 2009 (4 pages).					
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		European Examination Report, Application No. 08250093.5, dated June 14, 2010 (5 pages).					
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1 Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SENDTO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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	Complete if Known		
Substitute for form 1449/PTO Application Number 13/3	69,609		
INFORMATION DISCLOSURE Filing Date Febr	uary 9, 2012		
	lerick E. Shelton, IV		
Art Unit 3721	1		
(use as many sheets as necessary) Examiner Name Brian	n D. Nash		
Sheet 5 of 82 Attorney Docket Number END5	5924USCNT2/060339CON2		

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	017(12M2)(1 21 70 1 21070(1			Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	6	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Signature	Considered	

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	2.3			Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	7	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
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				Complete if Known		
Substitute for for	Substitute for form 1449/PTO			Application Number	13/369,609	
INFO	DRMATION DISC	cLosi	JRE	Filing Date	February 9, 2012	
STA	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	8	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	,		S. PATENT DO	-UMENIS	
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			Art Unit	3721		
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	OTATEMENT DI ALI EIOANT			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
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	OTATEMENT DI AIT EIGANT			Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
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Examiner	Date	
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Substitute for form 1449/PTO			,	Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	16	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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	OTATEMENT DI ATTEMANT		Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	17	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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				Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
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		4,349,028	09-14-1982	Green				
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		4,402,445	09-06-1983	Green				
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		4,415,112	11-15-1983	Green				
		4.428.376	01-31-1984	Mericle				
		4,429,695	02-07-1984	Green				

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Signature	·	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	ORMATION I	DISCLOSU	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
Sheet	22	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
		4,434,796	03-06-1984	Karapetian et al.	:			
		4,442,964	04-17-1984	Becht				
		4,451,743	05-29-1984	Suzuki et al.				
		4,454,887	06-19-1984	Krüger				
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		4,485,816	12-04-1984	Krumme				
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		4,505,273	03-19-1985	Braun et al.				
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		4,604,786	08-12-1986	Howie, Jr.				
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		4.607.638	08-26-1986	Crainich				

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Signature	·	Considered	

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	OTAL EMENT BY ALL ELOANT			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	23	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

*	,		S. PATENT DO	O INI EIN I O	F
Examiner Cite No.1		Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,608,981	09-02-1986	Rothfuss et al.	
		4,610,250	09-09-1986	Green	
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		4,655,222	04-07-1987	Florez et al.	
		4,663,874	05-12-1987	Sano et al.	-
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Examiner		Date	
Signature		Considered	

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Substitute for for	rm 1449/PTO			Application Number	13/369,609	
INFO	DRMATION	DISCLOSE	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
-	OTA EMERIT DI ATTENATO			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	24	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		4,805,823	02-21-1989	Rothfuss			
		4,809,695	03-07-1989	Gwathmey et al.			
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	 	4,930,503	06-05-1990	Pruitt			
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Signature	Considered	· ·

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Substitute for form 1449/PTO				Application Number	13/369,609	
INF	ORMATION DISC	cLosu	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	25	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		5,062,563	11-05-1991	Green et al.		
		5,065,929	11-19-1991	Schulze et al.		
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		5,071,430	12-10-1991	de Salis et al.		
	i	5,074,454	12-24-1991	Peters		
		5,080,556	01-14-1992	Carreno		
	<u> </u>	5,083,695	01-28-1992	Foslien et al.	-	
		5,084,057	01-28-1992	Green et al.		
		5,088,979	02-18-1992	Filipi et al.		
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		5.094.247	03-10-1992	Hernandez et al.		
		5,100,420	03-31-1992	Green et al.	"	
	T	5,104,025	04-14-1992	Main et al.		
		5,106,008	04-21-1992	Tompkins et al.		
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	1	5,129,570	07-14-1992	Schulze et al.		
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	t	5,141,144	08-25-1992	Foslien et al.		
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		5,190,517	03-02-1993	Zieve et al.		
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Signature	Consider	red

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Sheet	26	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		5,205,459	04-27-1993	Brinkerhoff et al.		
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-		5,223,675	06-29-1993	Taft		
		5,234,447	08-10-1993	Kaster et al.		
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		5,242,457	09-07-1993	Akopov et al.		
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		5,246,156	09-21-1993	Rothfuss et al.		
		5,246,443	09-21-1993	Mai		
		5,253,793	10-19-1993	Green et al.		
		5,258,009	11-02-1993	Conners		
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		5,260,637	11-09-1993	Pizzi		
		5,263,629	11-23-1993	Trumbull et al.		
		5,263,973	11-23-1993	Cook		
		5,268,622	12-07-1993	Philipp		
		5,271,543	12-21-1993	Grant et al.		
		5,271,544	12-21-1993	Fox et al.		

Examiner	Date
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Substitute for fo				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	27	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	1	Document Number	S. PATENT DO	T	Pages, Columns, Lines, Where
Examiner Initials*	Cite No. ¹	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		5,275,323	01-04-1994	Schulze et al.	
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		5,281,216	01-25-1994	Klicek	
		5,282,806	02-01-1994	Haber et al.	
	Ĭ	5,282,829	02-01-1994	Hermes	
		5,297,714	03-29-1994	Kramer	
		5,304,204	04-19-1994	Bregen	
		5,307,976	05-03-1994	Olson et al.	
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		5,312,023	05-17-1994	Green et al.	
		5,312,329	05-17-1994	Beaty et al.	
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		5,336,232	08-09-1994	Green et al.	
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		5,341,810	08-30-1994	Dardel	
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		5,352,238	10-04-1994	Green et al.	
		5,354,303	10-11-1994	Spaeth et al.	
		5,356,006	10-18-1994	Alpern et al.	
		5,358,510	10-25-1994	Luscombe et al.	

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ſ	Examiner	Date	
ı	Signature	Considered	

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Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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		U.S	S. PATENT DO	CUMENTS	·
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		5,359,231	10-25-1994	Flowers et al.	
	1 —	5,360,428	11-01-1994	Hutchinson, Jr.	
		5,364,003	11-15-1994	Williamson, IV	
		5,366,134	11-22-1994	Green et al.	
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		5,411,508	05-02-1995	Bessler et al.	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INF	ORMATION I	DISCLOSU	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Substitute for fo	rm 1449/PTO		Application Number	13/369,609	
INFORMATION DISCLOSURE			Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV		
			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
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		U.\$	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		5,465,896	11-14-1995	Allen et al.	
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		5,467,911	11-21-1995	Tsuruta et al.	
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	 	5,503,635	04-02-1996	Sauer et al.			
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Signature	Considered	

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Substitute for fo				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	33	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		5,588,579	12-31-1996	Schnut et al.		
		5,588,580	12-31-1996	Paul et al.	i .	
		5,588,581	12-31-1996	Conlon et al.	,	
		5,591,170	01-07-1997	Spievack et al.		
		5,591,187	01-07-1997	Dekel		
		5,597,107	01-28-1997	Knodel et al.		
		5,599,151	02-04-1997	Daum et al.		
		5,599,344	02-04-1997	Paterson		
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	1	5,601,224	02-11-1997	Bishop et al.		
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		5,609,285	03-11-1997	Grant et al.		
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		5,613,966	03-25-1997	Makower et al.		
	†	5.618.294	04-08-1997	Aust et al.		
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		5,620,452	04-15-1997	Yoon	· · · · · · · · · · · · · · · · · · ·	
		5,624,452	04-29-1997	Yates		
	 	5,626,587	05-06-1997	Bishop et al.		
	t -	5,628,446	05-13-1997	Geiste et al.		
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		5,630,782	05-20-1997	Adair		

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Substitute for form 1449/PTO			Application Number	13/369,609		
INFORMATION DISC	cLosu	IRE	Filing Date	February 9, 2012		
STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV		
		-	Art Uniț	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet 34	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		5,632,432	05-27-1997	Schulze et al.			
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		5,651,491	07-29-1997	Heaton et al.			
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-		5,655,698	08-12-1997	Yoon			
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		5,658,300	08-19-1997	Bito et al.			
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		5,673,840	10-07-1997	Schulze et al.			
		5.673.841	10-07-1997	Schulze et al.			

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	OTATEMENT DI ATTEMENT			Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	35	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
		5,673,842	10-07-1997	Bittner et al.				
		5,678,748	10-21-1997	Plyley et al.				
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	1	5,704,087	01-06-1998	Strub				
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		5.713.896	02-03-1998	Nardella				
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Signature	•	Considered	•

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	OTATEMENT DI ATTENDANT		Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	36	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner	Date	
Signature	Considered	

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		5,878,938	03-09-1999	Bittner et al.			
		5,891,160	04-06-1999	Williamson, IV et al.			
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		5.894.979	04-20-1999	Powell			
		5.897.562	04-27-1999	Bolanos et al.			

Examiner	Date	
Signature	Considered	

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****	_	Complete if Known			nplete if Known
Substitute for form 1449/PTO		Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV
	OTATEMENT BY ALT LIGANT			Art Unit	3721
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash	
Sheet	39	of	82	Attorney Docket Number	END5924USCNT2/060339CON2

			S. PATENT DO	JUMENIS	
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
-		5,899,914	05-04-1999	Zirps et al.	
		5,901,895	05-11-1999	Heaton et al.	
		5,902,312	05-11-1999	Frater et al.	
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		5,915,616	06-29-1999	Viola et al.	
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		6,012,494	01-11-2000	Balazs	
		6,013,076	01-11-2000	Goble et al.	

Examiner	Date	
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	•			Complete if Known			
Substitute for for	Substitute for form 1449/PTO		Application Number	13/369,609			
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
	OTATEMENT BY ALL EIGANT			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	40	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

		U.\$	S. PATENT DO	CUMENTS	<u> </u>
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		6,015,406	01-18-2000	Goble et al.	
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		6,022,352	02-08-2000	Vandewalle	
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		6,053,390	04-25-2000	Green et al.	
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		6,063,097	05-16-2000	Oi et al.	
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		6,068,627	05-30-2000	Orszulak et al.	
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Examiner		Date	
Signature		Considered	

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Substitute for form 1449/PTO			Complete if Known			
		Application Number	13/369,609			
INFORMATION DISCLOSURE			Filing Date	February 9, 2012		
STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV		
			Art Unit	3721		
(use as many sheets as necessary)		sary)	Examiner Name	Brian D. Nash		
Sheet	41 of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

			S. PATENT DO	-UMEN 1 2	
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		6,099,537	08-08-2000	Sugai et al.	
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		6,102,271	08-15-2000	Longo et al.	
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		6,214,028 B1	04-10-2001	Yoon et al.	
		6.220.368 B1	04-24-2001	Ark et al.	

Examiner	Date	
Signature	 Considered	

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Substitute for form 1449/PTO			Complete if Known			
		Application Number	13/369,609			
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	42	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
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Examiner	*	Da	ate	
Signature		Co	onsidered	

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				Con	Complete if Known		
Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609		
INF	ORMATION	DISCLOSE	JRE	Filing Date	February 9, 2012		
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721		
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	43	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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		6,352,503 B1	03-05-2002	Matsui et al.				
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Examiner		Date	
Signature	'	Considered	

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				Art Unit	3721	
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Sheet	44	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		6,503,259 B2	01-07-2003	Huxel et al.				
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Signature		Considered	

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Substitute for for	Substitute for form 1449/PTO			Application Number	13/369,609	
INFO	RMATION DISC	cLosi	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
	, , , , , , , , , , , , , , , , , , , ,		Art Unit	3721		
(use as	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	45	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	OTATION DE LA PROPERTIE			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	46	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Signature	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	47	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721		
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash		
Sheet	48	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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Examiner	Date	
Signature	Considered	

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PTO/SB/08a (07-09)

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	•			Complete if Known		
Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	50	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Sheet	51	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	52	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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INFORMATION DISCLOSURE			JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	53	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Signature	 Considered	· ·

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STA	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	56	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	57	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Examiner	Date	
Signature	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	01711 2111 211 711 1 21071111			Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	58	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Signature	 Considered	

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Substitute for form 1449/PTO		Application Number	13/369,609			
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	59	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS							
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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
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	017(12m2)(1.27)(1.12)(1.1			Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	60	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Substitute for for	Substitute for form 1449/PTO		Application Number	13/369,609			
INFORMATION DISCLOSURE			IRE	Filing Date	February 9, 2012		
	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
			Art Unit	3721			
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	61	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

_		Document Number	S. PATENT DO		Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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_	•		Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	517(12)(11) D. 7(11) E. 57(11)			Art Unit	3721	
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
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		FOREIGN PAT	ENT DOCUM	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Signature	Considered	·

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Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	64	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆				
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	01/11/21/11 D1 /11 1 210/11			Art Unit	3721	
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Substitute for fo				Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
• • • • • • • • • • • • • • • • • • • •				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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l info	DRMATION DISC	cLosi	JRE	Filing Date	February 9, 2012	
STA	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
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INF	INFORMATION DISCLOSURE			Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
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				Art Unit	3721	
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Signature	· ·	Considered	

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				Complete if Known		
Substitute for for	Substitute for form 1449/PTO		Application Number	13/369,609		
INFO	DRMATION DISC	cLost	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	72	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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Substitute for for	Substitute for form 1449/PTO		Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STA	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	73	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>).	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
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Examiner	Date	
Signature	Considered	

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Substitute for form 1449/PTO		Applicat	ion Number	13/369,609				
INFORMATION DISCLOSURE			Filing Da	ate	February 9, 2012			
	TEMENT B			First Na	med Inventor	Frederick E. Shelton, IV		
			-	Art Unit		3721		
(use as many sheets as necessary)		Examine	er Name	Brian D. Nash				
Sheet	74	of	82	Attorney	Docket Number	END5924USCNT2/060339CO	N2	

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Examiner Cite No.1		Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ [¢]	
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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
	O / A Zim Zi A Zi		Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	75	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner	Date	
Signature	Considered	

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				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	76	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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ubstitute for form 1449/PTO	Application Number	42/260 600
		13/369,609
INFORMATION DISCLOSURE	Filing Date	February 9, 2012
STATEMENT BY APPLICANT	First Named Inventor	Frederick E. Shelton, IV
	Art Unit	3721
(use as many sheets as necessary)	Examiner Name	Brian D. Nash
Sheet 77 of 82	Attorney Docket Number	END5924USCNT2/060339CON2

		FOREIGN PAT	ENT DOCUM	IENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
		WO 2007/016290 A2	02-08-2007	Whitman et al.		
		WO 2007/018898 A2	02-15-2007	Lee		
		WO 2007/098220 A2	08-30-2007	West et al.		
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		WO 2007/139734 A2	12-06-2007	Lee et al.		Т
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Examiner		Date	
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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	78	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		WO 94/00060 A1	01-06-1994	Klicek		\top
		WO 94/11057 A1	05-26-1994	Avitall		T
		WO 94/12108 A1	06-09-1994	Broadwin et al.		Т
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INFO	RMATION DISC	cLosu	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	79	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	IENTS		
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	T .	WO 96/31155 A1	10-10-1996	Guthrie et al.		Т
		WO 96/35464 A1	11-14-1996	Perkins		Т
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		WO 96/39089 A1	12-12-1996	Paterson		1
		WO 97/00646 A1	01-09-1997	Goble et al.		\top
		WO 97/00647 A1	01-09-1997	Goble et al.		T
		WO 97/06582 A1	02-20-1997	McAnulty		T
		WO 97/10763 A1	03-27-1997	Buysse et al.		\top
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		WO 99/03408 A1	01-28-1999	Goble et al.	.:	+-
		WO 99/03409 A1	01-28-1999	Goble et al.		t^-
	<u> </u>	WO 99/12483 A1	03-18-1999	Hipps		+

Examiner	Date	
Signature	Considered	'

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Sheet	80	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		WO 99/12487 A1	03-18-1999	Ryan		T
		WO 99/12488 A1	03-18-1999	Chandler et al.		
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		WO 99/15091 A1	04-01-1999	Platt et al.		
		WO 99/23933 A2	05-20-1999	Schmaltz et al.	:	
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Sheet	81	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Disclosed Anonymously, "Motor-Driven Surgical Stapler Improvements," Research Disclosure Database Number 526041, Published: February 2008.	
		C.C. Thompson et al., "Peroral Endoscopic Reduction of Dilated Gastrojejunal Anastomosis After Roux-en-Y Gastric Bypass: A Possible New Option for Patients with Weight Regain," Surg Endosc (2006) Vol. 20, pp. 1744-1748.	
		B.R. Coolman, DVM, MS et al., "Comparison of Skin Staples With Sutures for Anastomosis of the Small Intestine in Dogs," Abstract; http://www.blackwell-synergy.com/doi/abs/10.1053/jvet.2000.7539?cookieSet=1&journalCode=vsu which redirects to http://www3.interscience.wiley.com/journal/119040681/abstract?CRETRY=1&SRETRY=0; [online] accessed: September 22, 2008 (2 pages).	
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		"Biomedical Coatings," Fort Wayne Metals, Research Products Corporation, obtained online at www.fwmetals.com on June 21, 2010 (1 page).	
		Van Meer et al., "A Disposable Plastic Compact Wrist for Smart Minimally Invasive Surgical Tools," LAAS/CNRS (August 2005).	
		Breedveld et al., "A New, Easily Miniaturized Sterrable Endoscope," IEEE Engineering in Medicine and Biology Magazine (November/December 2005).	
		D. Tuite, Ed., "Get The Lowdown On Ultracapacitors," November 15, 2007; [online] URL: http://electronicdesign.com/Articles/Print.cfm?ArticleID=17465, accessed January 15, 2008 (5 pages).	
		Datasheet for Panasonic TK Relays Ultra Low Profile 2 A Polarized Relay, Copyright Matsushita Electric Works, Ltd. (Known of at least as early as August 17, 2010), 5 pages.	
		ASTM procedure D2240-00, "Standard Test Method for Rubber Property-Durometer Hardness," (Published August 2000).	
		ASTM procedure D2240-05, "Standard Test Method for Rubber Property-Durometer Hardness," (Published April 2010).	
-		United States Patent Application No. 12/031,542, filed February 14, 2008. (Attorney Docket No. END6267USNP/070389)	

ļ	Examiner	Date	
1	Signature	Considered	

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		United States Patent Application No.12/031,556, filed February 14, 2008. (Attorney Docket No. END6268USNP/070390)			
		United States Patent Application No. 12/031,573, filed February 14, 2008. (Attorney Docket No. END6270USNP/070392)			
		.S. Patent Application No. 13/310,107, filed December 2, 2011. (Attorney Docket No. ND5773USDIV1/050698DIV1)			
		U.S. Patent Application No. 13/369,629, filed February 9, 2012. (Attorney Docket No. END5675USCNT3/050504CON3)			
		U.S. Patent Application No. 13/486,175, filed June 1, 2012. (Attorney Docket No. END6413USCNT1/080202CON1)			
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PATENT COOPERATION TREATY

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·		(F	POT Rule 44.1)	
		Date of mailing (day/month/year)	7 May 2012 (07-05-2012)	
Applicant's or agent's file reference END5924WOPOT		FOR FURTHER ACTION	See paragraphs 1 and 4 below	
international application No. PCT/US2012/026997	Marian Control of the	International filing date (day/month/year)	98 Sakrasas 2012 200 03 2012	
Applicant		***************************************	28 February 2012 (28-02-2012)	
ETHICON ENDO-SURGERY, INC.		***************************************		
The applicant is hereby notified that the interns Authority have been established and are transit	ational search mitted herewi	report and the written opinion of th.	the International Searching	
The applicant is entitled, if he so wishes, to am	Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the			
1211 Geneva 20, Switzerland, Fas	Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Fascimile No.: (41-22) 339.82 70 For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9 004 - 9.011.			
2. The applicant is hereby notified that no internal Article 17(2)(a) to that effect and the written op	ational search sinion of the in	report will be established and tha itemational Searching Authority a	if the declaration under re-transmitted herewith.	
3 With regard to any protest against payment	of (an) additio	onal fee(s) under Rule 40.2, the a	oplicant is notified that:	
the protest together with the decision then applicant's request to forward the texts of no decision has been made yet on the pro	f both the prot	est and the decision thereon to th	e designated Offices.	
4. Reminders				
The applicant may submit comments on an informal international Bureau. The International Bureau will se international preliminary examination report has been priority date, these comments will also be made avai	end a copy of n or is to be e	such comments to all designated stablished. Following the expiration	Office unlace on	
mamational bureau. If the applicant wishes to avoid	Shortly after the expiration of 18 months from the priority date, the international application will be published by the international Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the international Bureau before completion of the technical preparations for international publication (Rules 90 <i>bis.</i> 1 and 90 <i>bis.</i> 3).			
examination must be filed if the applicant wishes to p date (in some Offices even later); otherwise, the appl	Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.			
In respect of other designated Offices, the time limit omonths.	of 30 months	(or later) will apply even if no del	mand is filed within 19	
For defails about the applicable time limits, Office by POT Applicant's Guide, National Chapters.	Office, see w	ww.wipo.int/pat/en/texts/time_limi	its.html and the	
Jame and mailing address of the International Searching Authority Authorized officer				
	W Tel. (+31-70) 340-2040 Tel. +49 (0)89 2399-8782			

Form POT/ISA/220 (July 2010)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		
END5924WOPCT	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.	International filing date (day/month/yes.) (Earliest) Priority Date (day/month/year)	
PCT/US2012/026997	28/02/2012	01/03/2011	
Applicant		······································	
ETHICON ENDO-SURGERY, INC			
This international search report has been seconding to Article 18. A copy is being the	prepared by this international Searching a premitted to the International Bureau.	Authority and is transmitted to the applicant	
This international search report consists o	fatotal ot <u>4</u> streets.		
X It is also accompanied by	a copy of each prior and document cited in	this report.	
X the international a	international search was carried out on the application in the language in which it was a international application into	filed	
b. This international search		count the rectification of an obvious mistake	
parray		osed in the international application, see Sox No. I.	
2. Cartain claims were four	nd unsearchable (See Box No. II)		
3. Unity of invention is tack	k ing (see Box No III)		
4. With regard to the fitte.			
X the text is approved as su	omitted by the applicant		
the text has been established	hed by this Authority to read as follows:		
 With regard to the abstract, 			
the text is approved as suf			
the text has been establish may, within one month fro	ied, according to Bule 38.2, by this Autho in the date of mailing of this international r	rity as it appears in Box No. IV. The applicant learch report, submit comments to this Authority	
6. With regard to the drawings,			
a the figure of the drawings to be pu	blished with the abstract is Figure No	4.1	
as suggested by t	, ,		
	Authority, because the applicant failed to		
Secured .	Authority, because this figure better char	acterizes the invention	
b none of the figures is to be	published with the abstract		

Form PCT/ISA/210 (first sheet) (July 2009)

International application No.

INTERNATIONAL SEARCH REPORT

PCT/US2012/026997

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

A surgical instrument (10) including an end effector (12) having at least one sensor (368). The instrument includes a distal stapling unit for performing at least one surgical task operatively connected to a remotely controllable user interface. The instrument further includes an electrically conductive shaft (8) having a distal end connected to the end effector, wherein the sensor is electrically insulated from the shaft. The instrument also includes a housing (6) at a proximate end of the shaft configured to receive mechanical or electrical inputs. In addition, the instrument has a receiver unit (300) electrically insulated from the shaft configured to receive and send wireless signals from and to the sensor.

Form PCT/ISA/210 (continuation of first sheet (3)) (July 2009)

INTERNATIONAL SEARCH REPORT

International application No PCT/US2012/026997

g*************			MO20 / 500 (5 / 5)		
INV.	ification of subject matter A61817/072 A61817/00 A61817/29 A61819,	/00			
	to international Patent Classification (IPC) or to both national classifi		•		
3	SEARCHED	***************************************			
	noumentation searched (classification system followed by classifica	ien symbols)			
A618					
Documents	tion searched other than minimum documentation to the extent that	such documents are included in the field	da searched		
3	late base consulted during the international search (name of data bitternal), WPI Data	ass and, where practical, search terms	used)		
., 0	ivenitary are baca				
С. ДОСИМ	ENTS CONSIDERED TO SE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the re-	levent neganice	Relevant to claim No.		
			mejevani po diam jyo.		
X	US 2008/167672 A1 (GIORDANO JAME ET AL) 10 July 2008 (2008-07-10) paragraphs [0033], [0034], [00 [0063], [0071], [0078] - [0087 11,12,17,20	2 4	1,2,4~7		
Χ	US 2008/167522 A1 (GIORDANO JAMES R [US] 1,2,4-7 ET AL) 10 July 2008 (2008-07-10) paragraphs [0033], [0034], [0057] - [0063], [0071], [0078] - [0087]; figures 11,12,17,20				
Х	US 2008/167671 A1 (GIORDANO JAME ET AL) 10 July 2008 (2008-07-10) paragraphs [0028] - [0036], [00 [0062], [0066], [0071], [0072 - [0086]; figures 1,3,11,12	611.	1,2,4-7		
		***************************************	***************************************		
Fuith	er documents are listed in the continuation of Box C.	X See patent family suriex.			
* Special ca	ategories of cited documents :	"T" later document published after the	international filing date		
conside	"A" document defining the general state of the last which is not considered to be of particular relevance invention or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention." "E" earlier document but published on or after the international.				
"L" documer which is	"L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is taken alone				
oitation "O" docume	or other special reason (as specified) nt referring to an oral disclosure, use, exhibition or	"Y" document of particular relevance; to cannot be considered to involve a document is combined with one of	n inventive step when the		
"P" documer	other means ments, such combination being advisus to a person skilled in the art. P° document published prior to the international filing date but in the art.				
***********	an the priority date claimed clud completion of the international search	*8° document member of the same pail	·······		
25	5 April 2012	07/05/2012			
Name and m	ailing address of the ISA/	Authorized officer	***************************************		
	European Patent Office, P.S. 5818 Patentiaen 2 NL - 2280 HV Rijswijk Tel. (+31-70) 345-2040, Fax: (+31-70) 346-3016	Maier, Christia	173		

Form PCT/ISA/210 (second sheet) (#pril 2005)

INTERNATIONAL SEARCH REPORT

Information on patent family members

international application No PCT/US2012/026997

Patent document cited in search report	Publication date	annanna Tarannanna Tarannannannannannannannannannannannannan	Patent family member(s)		Publication date
US 2008167672 A	1 10-07-2008	CRP DS US	101224119 1943955 2008212637 2008167672 2011132963 2011174861	A Al Al	23-07-2008 16-07-2008 18-09-2008 10-07-2008 09-06-2011 21-07-2011
US 2008167522 A	1 10-07-2008	CN EP JP US US	1943957 2008237881 2008167522 2010294829	A2 A A1 A1	11-02-2009 16-07-2008 09-10-2008 10-07-2008 25-11-2010
US 2008167671 A	1 10-07-2008	AT CN EP EP JP US	101234033 1943958 2356949 2008206967	T A A1 A2 A A1	15-03-2012 06-08-2008 16-07-2008 17-08-2011 11-09-2008 10-07-2008

Form PCT/ISA/210 (patent family annex) (April 2005)

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY RECEIVED To: MM 1 4 2812 CONTAINTEN OPINION OF THE see form PCT/ISA/220 & TPAT DK INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) see form PCT/ISA/210 (second street) Applicant's or agent's file reference FOR FURTHER ACTION see form PCT/ISA/220 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) PCTAUS2012/026997 28.02.2012 01.03.2011 International Patent Classification (IPC) or both national classification and IPC INV. A61B17/072 ADD. A61B17/00 A61B17/29 A61B19/00 Applicant ETHICON ENDO-SURGERY, INC. This opinion contains indications relating to the following items: Box No. 1 Basis of the opinion ☐ Box No. II Priority ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement ☐ Box No. VI Certain documents cited Box No. VII Certain defects in the international application ☐ Box No. VIII Certain observations on the international application FURTHER ACTION If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the international Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the pricrity date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form POT/ISA/220. Name and mailing address of the ISA: Date of completion of Authorized Officer this opinion European Patent Office see form Maier, Christian PCT//SA/210 D-80298 Musich Telephone No. +49 89 2399-0 Tel. +49 89 2399 - 0

Form PCT/ISA/237 (Cover Sheet) (July 2009)

Fax: +49 89 2399 - 4465

	Box No. I Basis of the opinion
*	With regard to the language, this opinion has been established on the basis of:
	★ the international application in the language in which it was filed
	a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).
2.	This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3,	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:
	a. (means)
	☐ on paper
	☐ in electronic form
	b. (time)
	☐ in the international application as filed
	☐ together with the international application in electronic form
	☐ subsequently to this Authority for the purposes of search
4.	In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5.	Additional comments:
	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
1.	Statement
	Novelty (N) Yes: Claims No: Claims 1.2.4-7
	Inventive step (IS) Yes: Claims No: Claims 1, 2, 4-7
	Industrial applicability (IA) Yes: Claims 1, 2, 4-7 No: Glaims
2.	Citations and explanations
	See Separate sheet

Form PCT/ISA/237 (April 2007)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

international application No. PCT/US2012/026997

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

- D1 US 2008/167672 A1 (GIORDANO JAMES R [US] ET AL) 10 July 2008 (2008-07-10)
- D2 US 2008/167522 Å1 (GIORDANO JAMES R [US] ET AL) 10 July 2008 (2008-07-10)
- D3 US 2008/167671 A1 (GIORDANO JAMES R [US] ET AL) 10 July 2008 (2008-07-10)

1 INDEPENDENT CLAIM 1

1.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not new in the sense of Article 33(2) PCT.

Document D1 discloses (the references in parentheses applying to this document):

A surgical instrument (10; fig.11) comprising an end effector (12) comprising at least one sensor (368), a distal stapling unit (22,24) for performing at least one surgical task operatively connected (via 300) to a remotely controllable user interface (remote programming device 320; par.78), an electrically conductive shaft (8; par.61, last sentence) having a distal end connected to the end effector wherein the sensor is electrically insulated from the shaft (par. 71, fourth sentence), and a housing (6) at a proximate end of the shaft, configured to receive at least one of mechanical or electrical inputs (via 302), and a receiver unit (320,322,324) electrically insulated from the shaft (par. 61,62) configured to receive and send wireless signals from and to the sensor (par.63).

1.2 Furthermore, the subject-matter of claim 1 is not new in the sense of Article 33 (2) PCT over the disclosure in documents D2 (cf. ref.signs 368,320,322,324; fig.11) or D3 (cf. ref.signs 35,21; fig.1,3).

2 DEPENDENT CLAIMS

- 2.1 Dependent claims 2,4-7 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, as the subject-matter of said claims is disclosed by document D1, see for this purpose:
 - claims 2,4-7: par.57

Re Item VII

Certain defects in the international application

- The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).
- 2 An incorporation of documents by reference (see par.1,7,17,21,22,51,70,78) is not possible in some of the Designated States.
- The unit of weight ("ibs") employed in paragraph 6 is not additionally expressed in terms of the units stipulated by Rule 10.1(a) PCT.

Possible steps after receipt of the international search report (ISR) and written opinion of the International Searching Authority (WO-ISA)

General information

For all international applications filed on or after 01/01/2004 the competent ISA will establish an ISR. It is accompanied by the WO-ISA. Unlike the former written opinion of the IPEA (Rule 66.2 PCT), the WO-ISA is not meant to be responded to, but to be taken into consideration for further procedural steps. This document explains about the possibilities.

under Art. 19 PCT

Amending claims. Within 2 months after the date of mailing of the ISR and the WO-ISA the applicant may file amended claims under Art. 19 PCT directly with the International Bureau of WIPO. The PCT reform of 2004 did not change this procedure. For further information please see Rule 46 PCT as well as form PCT/ISA/220 and the corresponding Notes to form PCT/ISA/220.

Filing a demand for international preliminary examination

In principle, the WO-ISA will be considered as the written opinion of the IPEA. This should, in many cases, make it unnecessary to file a demand for international preliminary examination. If the applicant nevertheless wishes to file a demand this must be done before expiry of 3 months after the date of mailing of the ISR/WO-ISA or 22 months after priority date, whichever expires later (Rule 54bis PCT). Amendments under Art. 34 PCT can be filed with the IPEA as before, normally at the same time as filing the demand (Rule 66.1 (b) PCT).

If a demand for international preliminary examination is filed and no comments/amendments have been received the WO-ISA will be transformed by the IPEA into an IPAP (International Preliminary Report on Patentability) which would merely reflect the content of the WO-ISA. The demand can still be withdrawn (Art. 37 PCT).

Filing informal comments

After receipt of the ISR/WO-ISA the applicant may file informal comments on the WO-ISA directly with the International Bureau of WIPO. These will be communicated to the designated Offices together with the IPRP (International Preliminary Report on Patentability) at 30 months from the priority date. Please also refer to the next box.

End of the international phase

At the end of the international phase the International Bureau of WIPO will transform the WO-ISA or, if a demand was filed, the written opinion of the IPEA into the IPRP, which will then be transmitted together with possible informal comments to the designated Offices. The IPRP replaces the former IPER (international preliminary examination report).

Relevant PCT Rules and more information

Rule 43 PCT, Rule 43bis PCT, Rule 44 PCT, Rule 44bis PCT, PCT Newsletter 12/2003, OJ 11/2003, OJ 12/2003

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY	PCT
To: Johnson, Philip S. JOHNSON & JOHNSON One Johnson & Johnson Plaza New Brunswick, NJ 08933 ETATS-UNIS D'AMERIQUE NOV 13 2012	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION
DAT DKT SE	CTION (PCT Rule 44.1)
J&JPAL DITT	Date of mailing (day/month/year) 29 October 2012 (29-10-2012)
Applicant's or agent's file reference END5924WOPC1	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/US2012/039156	International filing date (day/month/year) 23 May 2012 (23-05-2012)
Applicant	
ETHICON ENDO-SURGERY, INC.	
request to forward the texts of both the protest and the one odecision has been made yet on the protest; the applicant may submit comments on an informal basis on the winternational Bureau. The International Bureau will send a copy of international preliminary examination report has been or is to be expriority date, these comments will also be made available to the pushful after the expiration of 18 months from the priority date, the International Bureau. If the applicant wishes to avoid or postpone application, or of the priority claim, must reach the International Burietrnational publication (Rules 90 bis.1 and 90 bis.3). Within 19 months from the priority date, but only in respect of some examination must be filled if the applicant wishes to postpone the date (in some Offices even later); otherwise, the applicant must, we acts for entry into the national phase before those designated Office. In respect of other designated Offices, the time limit of 30 months months.	cof the International Application (see Rule 46): hally two months from the date of transmittal of the chemin des Colombettes -22) 338.82.70 ide, International Phase, paragraphs 9.004 - 9.011. report will be established and that the declaration under remational Searching Authority are transmitted herewith. hal fee(s) under Rule 40.2, the applicant is notified that: transmitted to the International Bureau together with any decision thereon to the designated Offices. ideant will be notified as soon as a decision is made. written opinion of the International Searching Authority to the such comments to all designated Offices unless an stablished. Following the expiration of 30 months from the abilication, a notice of withdrawal of the international areau before completion of the technical preparations for the designated Offices, a demand for international preliminary entry into the national phase until 30 months from the priority ithin 20 months from the priority date, perform the prescribed tess. (or later) will apply even if no demand is filed within 19
For details about the applicable time limits, Office by Office, see w PCT Applicant's Guide, National Chapters.	ww.wipo.ii.uporeintextoralie_iiinto.aum and the
Name and mailing address of the International Searching Authority European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040 Fax: (+31-70) 340-3016	Authorized officer VOINOT, Jacques Tel: +49 (0)89 2399-8782

Form PCT/ISA/220 (July 2010)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER		see Form PCT/ISA/220			
END5924WOPC1	ACTION	as well	as, where applicable, item 5 below.			
International application No.	International filing date (day/mont	h/year)	(Earliest) Priority Date (day/month/year)			
PCT/US2012/039156	PCT/US2012/039156 23/05/2012 27/05/2011					
Applicant						
ETHICON ENDO-SURGERY, INC						
This international search report has been according to Article 18. A copy is being tra			rity and is transmitted to the applicant			
This international search report consists o	f a total ofshe	ets.				
X It is also accompanied by	a copy of each prior art document o	ited in this r	report.			
Basis of the report						
a. With regard to the language , the i			is of:			
	application in the language in which international application into	il was med	, which is the language			
of a translation full	rnished for the purposes of internati	onal search	(Rules 12.3(a) and 23.1(b))			
	report has been established taking i o this Authority under Rule 91 (Rule		the rectification of an obvious mistake			
c. With regard to any nucle d	otide and/or amino acid sequence	disclosed i	n the international application, see Box No. I.			
2. Certain claims were four	nd unsearchable (See Box No. II)					
3. Unity of invention is lack	king (see Box No III)					
4. With regard to the title ,						
X the text is approved as su	bmitted by the applicant					
the text has been establis	hed by this Authority to read as follo	ws:				
E Mills remarks to the about and						
5. With regard to the abstract , X the text is approved as su	hmitted by the applicant					
l ———		Authority a	s it appears in Box No. IV. The applicant			
			h report, submit comments to this Authority			
6. With regard to the drawings ,						
 a. the figure of the drawings to be presented. 	ublished with the abstract is Figure	No. <u>26</u>				
as suggested by t	he applica n t					
I 🔚	s Authority, because the applicant fa	-	•			
	s Authority, because this figure bette	er characte	rizes the invention			
b. none of the figures is to be	e published with the abstract					

Form PCT/ISA/210 (first sheet) (July 2009)

INTERNATIONAL SEARCH REPORT

International application No PCT/US2012/039156

			101/032012/033130		
A. CLASSI INV. ADD.	FICATION OF SUBJECT MATTER A61B17/072				
According to	p International Patent Classification (IPC) or to both national classifica	ation and IPC			
B. FIELDS	SEARCHED				
Minimum do A61B	oumentation searched (classification system followed by classificatio	on symbols)			
Documentat	tion searched other than minimum documentation to the extent that cu	uch documents are inclu	ded in the fields searched		
Electronic d	ata base consulted during the international search (name of data bas	se and, where practicabl	le, search terms used)		
EPO-In	ternal, WPI Data				
C. DOCUME	NTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim N	lo.	
Х	EP 1 943 957 A2 (ETHICON ENDO SURGERY INC 1-20 [US]) 16 July 2008 (2008-07-16) the whole document				
Х	WO 03/090630 A2 (TYCO HEALTHCARE [US]; HEINRICH RUSSELL [US]; CUNY DOUGLAS J [US]) 6 November 2003 (2003-11-06) the whole document		1-20		
Х	EP 2 090 245 A1 (ETHICON ENDO SUF [US]) 19 August 2009 (2009-08-19) the whole document		1-20		
Furth	er documents are listed in the continuation of Box C.	X See patent fam	íly annex.		
* Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier application or patent but published on or after the international filing date *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive					
cited to special	*L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other				
means *P* documer	nt published prior to the international filing date but later than	being obvious to a	person skilled in the art of the same patent family		
· · · · · ·	ctual completion of the international search		e international search report		
18	3 October 2012	29/10/2	012		
Name and m	ailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040,	Authorized officer	uskas. Gedas		

Form PCT/ISA/210 (second sheet) (April 2005)

1

INTERNATIONAL SEARCH REPORT

information on patent family members

International application No
PCT/US2012/039156

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1943957	A2 16-07-2008	CN 101361666 A EP 1943957 A2 JP 2008237881 A US 2008167522 A1 US 2010294829 A1 US 2010301095 A1	11-02-2009 16-07-2008 09-10-2008 10-07-2008 25-11-2010 02-12-2010
WO 03090630	A2 06-11-2003	AU 2003245246 A1 AU 2009200903 A1 AU 2011201490 A1 CA 2483094 A1 EP 1496805 A2 ES 2377483 T3 JP 4431404 B2 JP 2005523105 A US 2005131390 A1 US 2011144640 A1 US 2012016362 A1 WO 03090630 A2	10-11-2003 26-03-2009 28-04-2011 06-11-2003 19-01-2005 28-03-2012 17-03-2010 04-08-2005 16-06-2005 16-06-2011 19-01-2012 06-11-2003
EP 2090245	A1 19-08-2009	BR PI0901508 A2 CN 101507623 A EP 2090245 A1 EP 2465441 A2 EP 2465445 A2 JP 2009189844 A RU 2009105140 A US 2009206131 A1 US 2011132964 A1	26-01-2010 19-08-2009 19-08-2009 20-06-2012 20-06-2012 27-08-2009 20-08-2010 20-08-2010

Form PCT/ISA/210 (patent family annex) (April 2005)

PATENT COOPERATION TREATY

From the PCT
NOV 13 2012
NOV 13 2012
NOV 13 2012
WRITTEN OPINION OF THE
SEPAT. DKT, SWITERNATIONAL SEARCHING AUTHORITY
(PCT Bule 425/c-1) INTERNATIONAL SEARCHING AUTHORITY To: see form PCT/ISA/220 Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet) Applicant's or agent's file reference FOR FURTHER ACTION see form PCT/ISA/220 See paragraph 2 below International application No. International filing date (day/month/year) Priority date (day/month/year) PCT/US2012/039156 23.05.2012 27.05.2011 International Patent Classification (IPC) or both national classification and IPC INV. A61B17/072 Applicant ETHICON ENDO-SURGERY, INC. This opinion contains indications relating to the following items: ☑ Box No. I Basis of the opinion ☐ Box No. II Priority ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability ☐ Box No. IV ☑ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement ☐ Box No. VI Certain documents cited ☐ Box No. VII Certain defects in the international application \square Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. Name and mailing address of the ISA: Date of completion of Authorized Officer this opinion European Patent Office see form Strazdauskas, Gedas PCT/ISA/210 D-80298 Munich Telephone No. +49 89 2399-5773 Tel. +49 89 2399 - 0 Fax: +49 89 2399 - 4465

Form PCT/ISA/237 (Cover Sheet) (July 2009)

_					
_	Box No. I Basis of the opinion				
1	. With regard to the language , this opinion has been established on the basis of:				
	a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).				
2.	☐ This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))				
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:				
	a. (means)				
	□ on paper				
	☐ in electronic form				
	b. (time)				
	☐ in the international application as filed				
	☐ together with the international application in electronic form				
	□ subsequently to this Authority for the purposes of search				
4.	In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
5.	Additional comments:				
	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement				
	Novelty (N) Yes: Claims No: Claims 1-20				
	Inventive step (IS) Yes: Claims No: Claims 1-20				
	Industrial applicability (IA) Yes: Claims No: Claims				
2.	Citations and explanations				
	see separate sheet				
	Form PCT/ISA/237 (April 2007)				

Re Item V.

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

- D1 EP 1 943 957 A2 (ETHICON ENDO SURGERY INC [US]) 16 July 2008 (2008-07-16)
- D2 WO 03/090630 A2 (TYCO HEALTHCARE [US]; HEINRICH RUSSELL [US]; CUNY DOUGLAS J [US]) 6 November 2003 (2003-11-06)
- D3 EP 2 090 245 A1 (ETHICON ENDO SURGERY INC [US]) 19 August 2009 (2009-08-19)

1 Independent claims

1.1 Conciseness

Although claims 1,15 have been drafted as separate independent claims, they appear to relate effectively to the same subject-matter and to differ from each other only with regard to the definition of the subject-matter for which protection is sought and in respect of the terminology used for the features of that subject-matter. The aforementioned claims therefore lack conciseness and as such do not meet the requirements of Article 6 PCT.

1.2 Novelty

The document D1 discloses (the references in parentheses applying to this document):

a surgical instrument ("end effector 12") {for use with a robotic system that has a control unit and a shaft portion that includes an electrically conductive elongated member that is attached to a portion of said robotic system and is configured to transmit control motions from the robotic system (do not form part of the claimed subject-matter)}, the surgical instrument comprising an end effector(12) that is configured to be operably coupled to the elongated electrically conductive member (not claimed; nevertheless, NB the end effector is even coupled to shaft 8 of the stapler which qualifies as a robotic system) to receive said control motions from said

Form PCT/ISA/237 (Separate Sheet) (Sheet 1) (EPO-April 2005)

surgical tool system (antecedence?) such that at least one sensor (was not defined before as forming part of the end effector; anyway, see para. 368) within said end effector is electrically insulated from the elongated electrically conductive member such that the elongated electrically conductive member can wirelessly radiate communication signals from the control unit to the at least one sensor and can receive wirelessly radiated communication signals from the at least one sensor (with regard to the non-claimed entities see PCT Guidelines 5.23).

The subject-matter of claim 1 is, therefore not new in the sense of Article 33(2) PCT. Consequently the present application does not meet the criteria of Article 33(1) PCT.

D1 also discloses the subject-matter of claim 15. With respect to "the drive shaft" see fig. 3; pos. 36, for the remaining features please see the references in the above passages.

D2 also discloses the subject-matter of claims 1 and 15. See D2, I. 13, p. 15 - I. 17, p. 16; and further to I. 13-18 on p. 14, in particular, the last sentence thereof which provides general characteristics regarding the MEMS devices as such rather than applying to a particular plurality of the MEMS device in a concrete example which merely exemplifies a possible use of these devices with various staplers.

D3 also discloses the subject-matter of claim 1. See fig. 65. Please note that, although the DLU of D3 does not have any kind of sensors, claim 1 does not require to have them. Since the end effector of claim 1 should be merely configured to be operably coupled to some unclaimed and thus unknown systems and/or components, "such that at least one sensor within said end effector is electrically insulated...". NB said sensor was not defined as forming part of the end effector before. Hence, this sensor also could be a part of non-claimed robotic system, which is inserted into the end effector (DLU) of D3 when said end effector is operably coupled to this unknown robotic system. The same arguments apply mutatis-mutandis with regard to claim 15 which is also disclosed by D3.

2 Dependent claims

Dependent claims 2-14,16-20 are also not new over D1-D3. For the details respectively the disclosure of the dependent claims by D1 see the following references:

claims 2-6 -> para. 39;

claims 7, 12, 17 & 19 -> para. 55 viz. "the remote sensor 368, which may be positioned in the plastic cartridge 34 (see Figure 3)";

Form PCT/ISA/237 (Separate Sheet) (Sheet 2) (EPO-April 2005)

claims 8 & 14 -> "the elongated electrically conductive member" is not claimed; re "electrically conductive component" see para. 44 i.e. "may include an antenna (or coil) for inductive coupling";

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claim 9 -> e.g. fig. 1;
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claims 10 & 11 -> para. 21 & fig. 3;

claims 13 & 20 -> defines a method step;

claim 16 -> NB "the robotic system is not claimed" thus, claim 16 defines a method of use i.e. "the drive shaft is powered by a motor";

claim 18 -> re "electrically conductive component" see para. 44; NB "the elongated electrically conductive member" is not claimed; thus, claim 16 defines a method of use i.e. "the electrically conductive component coupled to the elongated electrically conductive member";

3 Further remarks

- 3.1 Independent apparatus claims should have been drafted in the two-part form in accordance with Rule 6.3(b) PCT.
- The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).
- 3.3 Incorporation of documents by reference (e.g. on p. 1) is not possible in some of the Designated States.
- 3.4 The vague and imprecise statement ("the spirit ... of the invention") in the description in para. 254, 260, 293 and 325 implies that the subject-matter for which protection is sought may be different to that defined by the claims, thereby resulting in lack of clarity (Article 6 PCT) when used to interpret them.

Possible steps after receipt of the international search report (ISR) and written opinion of the International Searching Authority (WO-ISA)

General information

For all international applications filed on or after 01/01/2004 the competent ISA will establish an ISR. It is accompanied by the WO-ISA. Unlike the former written opinion of the IPEA (Rule 66.2 PCT), the WO-ISA is not meant to be responded to, but to be taken into consideration for further procedural steps. This document explains about the possibilities.

under Art. 19 PCT

Amending claims Within 2 months after the date of mailing of the ISR and the WO-ISA the applicant may file amended claims under Art. 19 PCT directly with the International Bureau of WIPO. The PCT reform of 2004 did not change this procedure. For further information please see Rule 46 PCT as well as form PCT/ISA/220 and the corresponding Notes to form PCT/ISA/220.

Filing a demand for international preliminary examination

In principle, the WO-ISA will be considered as the written opinion of the IPEA. This should, in many cases, make it unnecessary to file a demand for international preliminary examination. If the applicant nevertheless wishes to file a demand this must be done before expiry of 3 months after the date of mailing of the ISR/WO-ISA or 22 months after priority date, whichever expires later (Rule 54bis PCT). Amendments under Art. 34 PCT can be filed with the IPEA as before, normally at the same time as filing the demand (Rule 66.1 (b) PCT).

If a demand for international preliminary examination is filed and no comments/amendments have been received the WO-ISA will be transformed by the IPEA into an IPRP (International Preliminary Report on Patentability) which would merely reflect the content of the WO-ISA. The demand can still be withdrawn (Art. 37 PCT).

Filing informal comments

After receipt of the ISR/WO-ISA the applicant may file informal comments on the WO-ISA directly with the International Bureau of WIPO. These will be communicated to the designated Offices together with the IPRP (International Preliminary Report on Patentability) at 30 months from the priority date. Please also refer to the next box.

End of the international phase

At the end of the international phase the International Bureau of WIPO will transform the WO-ISA or, if a demand was filed, the written opinion of the IPEA into the IPRP, which will then be transmitted together with possible informal comments to the designated Offices. The IPRP replaces the former IPER (international preliminary examination report).

Relevant PCT Rules and more information

Rule 43 PCT, Rule 43bis PCT, Rule 44 PCT, Rule 44bis PCT, PCT Newsletter 12/2003, OJ 11/2003, OJ 12/2003

Electronic Patent Application Fee Transmittal						
Application Number:	Application Number: 13369609					
Filing Date:	09-Feb-2012					
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT					
First Named Inventor/Applicant Name:	Frederick E. Shelton					
Filer:	Thomas J. Edgington/Bonnie Petros					
Attorney Docket Number:	END5924USCNT2/060339CON2					
Filed as Large Entity						
Utility under 35 USC 111(a) Filing Fees						
Description	Fee Code Quantity Amount Sub-Total in USD(\$)					
Basic Filing:						
Pages:						
Claims:						
Miscellaneous-Filing:						
Petition:	Petition:					
Patent-Appeals-and-Interference:						
Post-Allowance-and-Post-Issuance:						
Extension-of-Time:						

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Request for continued examination	1801	1	930	930
	Tot	al in USD	(\$)	930

Electronic Acknowledgement Receipt			
EFS ID:	15022947		
Application Number:	13369609		
International Application Number:			
Confirmation Number:	9149		
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT		
First Named Inventor/Applicant Name:	Frederick E. Shelton		
Customer Number:	92223		
Filer:	Thomas J. Edgington/Theresa Merante		
Filer Authorized By:	Thomas J. Edgington		
Attorney Docket Number:	END5924USCNT2/060339CON2		
Receipt Date:	22-FEB-2013		
Filing Date:	09-FEB-2012		
Time Stamp:	16:48:19		
Application Type:	Utility under 35 USC 111(a)		

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$930
RAM confirmation Number	4121
Deposit Account	111110
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.
1	Request for Continued Examination (RCE)	RCE_2-22-13.pdf	75746	no	1
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2		Amendment_Accompanying_R CE_2-22-13.pdf	d370fb3aa56876d41d0c57b24a70a1d8453 d7f92	yes	9
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	Specification		2		2
	Applicant Arguments/Remarks	3	9		
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/30 (07-09)

Approved for use through 07/31/2012. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Request	Application Number	13/369,609		
for	Filing Date	February 9, 2012		
Continued Examination (RCE) Transmittal	First Named Inventor	Frederick E. Shelton, IV		
Address to:	Art Unit	3721		
Mail Stop RCE Commissioner for Patents	Examiner Name	Brian D. Nash		
P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket Number	END5924USCNT2/060339CON2		
This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.				
Submission required under 37 CFR 1.114 No amendments enclosed with the RCE will be entered in the applicant does not wish to have any previously filed unent amendment(s). a. Previously submitted. If a final Office action is considered as a submission even if this box is i. Consider the arguments in the Appeal B li. Other b. Lenclosed I. Amendment/Reply	te: If the RCE is proper, any preve order in which they were filed untered amendment(s) entered, appoints and any amendments filed to the checked. The results of the revious of the checked or Reply Brief previously filed iii.	ously filed unentered amendments and nless applicant instructs otherwise. If plicant must request non-entry of such a dafter the final Office action may be on		
ii. Affidavit(s)/ Declaration(s)	iv Other			
2. Miscellaneous Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required) Other The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed. The Director is hereby authorized to charge the following fees, any underpayment of fees, or credit any overpayments, to Deposit Account No11-1110				
i. RCE fee required under 37 CFR 1.17(e)	,			
ii. Extension of time fee (37 CFR 1.136 and 1	.17)			
iii. Other				
b. Check in the amount of \$	enclosed			
c. Payment by credit card (Form PTO-2038 enclos	ed)			
WARNING: Information on this form may become public. Color card information and authorization on PTO-2038,	redit card information should r	ot be included on this form. Provide credit		
SIGNATURE OF APPLICA	NT, ATTORNEY, OR AGENT R	EQUIRED		
Signature // Mas	Da			
Name (Print/Type) Thomas J. Edgington	Re	gistration No. 34,324		
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I hereby certify that this correspondence is being deposited with the Unit addressed to: Mail Stop RCE, Commissioner for Patents, P. O. Box 1450 Office on the date shown below.	ed States Postal Service with sufficier 0, Alexandria, VA 22313-1450 or facs	t postage as first class mail in an envelope mile transmitted to the U.S. Patent and Trademark		
Signature	,			
Name (Print/Type)	Date			

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SE ND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

END5924USCNT2/060339CON2 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 3721

Examiner Brian D. Nash : DRIVE INTERFACE FOR

OPERABLY COUPLING A

In re application of : MANIPULATABLE SURGICAL

Frederick E. Shelton, IV : TOOL TO A ROBOT

:

Serial No. 13/369,609

Filed: February 9, 2012 : Confirmation No. 9149

AMENDMENT ACCOMPANYING REQUEST FOR CONTINUED EXAMINATION

Pittsburgh, Pennsylvania 15222

February 22, 2013

VIA ELECTRONIC FILING

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

A Notice of Allowance and Issue Fee Due was mailed on December 11, 2012 in connection with the above-identified application (the "Subject Application"). The issue fee has not yet been paid. Assignee of the entire right, title, and interest in and to the subject application (hereinafter "Applicant"), submits the following:

Amendments to the Specification begin on page 2 of this paper.

Remarks begin on page 3 of this paper.

PI-3465966 v1 0237980-00411

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0154] with the following amended Paragraph:

[0154] It should be noted that although the embodiments of the instrument 10 described herein employ an end effector 12 that staples the severed tissue, in other embodiments different techniques for fastening or sealing the severed tissue may be used. For example, end effectors that use RF energy or adhesives to fasten the severed tissue may also be used. U.S. Patent No. 5,709,680, entitled "Electrosurgical Hemostatic Device" to Yates et al., and U.S. Patent No. 5,688,270, entitled "Electrosurgical Hemostatic Device With Recessed And/Or Offset Electrodes" to Yates et al., which are incorporated herein by reference, discloses cutting instruments that use RF energy to fasten the severed tissue. U.S. Patent Application Serial No. 11/267,811, now U.S. Patent No. 7,673,783, to Morgan et al. and U.S. Patent Application Serial No. 11/267,383, now U.S. Patent No. 7,607,557, to Shelton et al., which are also incorporated herein by reference, disclose cutting instruments that use adhesives to fasten the severed tissue. Accordingly, although the description herein refers to cutting/stapling operations and the like, it should be recognized that this is an exemplary embodiment and is not meant to be limiting. Other tissue-fastening techniques may also be used.

REMARKS

Applicant has amended paragraph [0154] which was previously amended on November 13, 2012. At the time of the previous amendment, a portion of the paragraph as originally filed with the application on February 9, 2012 was inadvertently omitted from the text.

Status of Co-Owned Applications

Applicant is the owner of the applications identified below. Applicant has set forth the status of these applications as presently understood by Applicant. Applicant presumes that the Examiner can obtain copies of the USPTO file histories and related documents for the identified applications. Should the Examiner be unable to obtain such documents, please contact Applicant's undersigned Attorney and copies of any necessary documents will be immediately provided.

- (1) U.S. Patent Application Serial No. 13/118,259, entitled "Surgical Instrument With Wireless Communication Between a Control Unit of a Robotic System and Remote Sensor", **Status:** Applicant has not yet received an Action on the merits;
- (2) U.S. Patent Application Serial No. 11/651,807, entitled "Surgical Instrument With Wireless Communication Between Control Unit and Remote Sensor", **Status:** A Notice of Allowance was mailed on February 5, 2013;
- (3) U.S. Patent Application Serial No. 11/651,715, entitled "Surgical Instrument With Wireless Communication Between Control Unit and Sensor Transponders", **Status:** A Non-Final Office Action was mailed on December 3, 2012. Applicant has not yet responded to that Action;
- (4) U.S. Patent Application Serial No. 11/651,806, entitled "Surgical Instrument With Elements To Communicate Between Control Unit and End Effector", **Status:** now U.S. Patent No. 7,954,682;
- (5) U.S. Patent Application Serial No. 11/651,768, entitled "Prevention of Cartridge Reuse In a Surgical Instrument", **Status**: now U.S. Patent No. 7,721,931;

- (6) U.S. Patent Application Serial No. 11/651,771, entitled "Post-Sterilization Programming of Surgical Instruments", <u>Status</u>: now U.S. Patent No. 7,738,971;
- (7) U.S. Patent Application Serial No. 11/651,788, entitled "Interlock and Surgical Instrument Including Same", **Status:** now U.S. Patent No. 7,721,936;
- (8) U.S. Patent Application Serial No. 11/651,785, entitled "Surgical Instrument With Enhanced Battery Performance", **Status:** now U.S. Patent No. 7,900,805;
- (9) U.S. Patent Application Serial No. 13/118,210, entitled "Robotically-Controlled Disposable Motor Driven Loading Unit", **Status:** Applicant has not yet received an Action on the merits;
- (10) U.S. Patent Application Serial No. 13/118,194, entitled "Robotically-Controlled Endoscopic Accessory Channel", **Status:** A Non-Final Office Action was mailed on September 5, 2012. An Amendment was filed on December 3, 2012. A Notification of Non-Compliant Amendment was mailed on February 7, 2013. Applicant has not yet responded to that Action;
- (11) U. S. Patent Application Serial No. 13/118,253, entitled "Robotically-Controlled Motorized Surgical Instrument", **Status:** A Non-Final Office Action was mailed on September 26, 2012. An Amendment was filed on December 26, 2012;
- (12) U.S. Patent Application Serial No. 13/118,278, entitled "Robotically-Controlled Surgical Stapling Devices That Produce Formed Staples Having Different Lengths", **Status:** Applicant has not yet received an Action on the merits;
- (13) U.S. Patent Application Serial No. 13/118,190, entitled "Robotically-Controlled Motorized Surgical Cutting and Fastening Instrument", **Status:** A Non-Final Office Action was mailed on January 17, 2013. Applicant has not yet responded to that Action;
- (14) U.S. Patent Application Serial No. 13/118,223, entitled "Robotically-Controlled Shaft Based Rotary Drive Systems For Surgical Instruments", **Status:** Applicant has not yet received an Action on the merits;
- (15) U.S. Patent Application Serial No. 13/118,263, entitled "Robotically-Controlled Surgical Instrument Having Recording Capabilities", **Status:** Applicant has not yet received an Action on the merits;

- (16) U.S. Patent Application Serial No. 13/118,272, entitled "Robotically-Controlled Surgical Instrument With Force Feedback Capabilities", **Status:** Applicant has not yet received an Action on the merits;
- (17) U.S. Patent Application Serial No. 13/118,246, entitled "Robotically-Driven Surgical Instrument With E-Beam Driver", **Status:** Applicant has not yet received an Action on the merits;
- (18) U.S. Patent Application Serial No. 13/118,241, entitled "Surgical Stapling Instruments With Rotatable Staple Deployment Arrangements", **Status:** Applicant has not yet received an Action on the merits;
- (19) U.S. Patent Application Serial No. 13/026,493, entitled "Surgical Instrument With Wireless Communication Between Control Unit and Remote Sensor", **Status:** A Non-Final Office Action was mailed on July 25, 2012. A Response and Terminal Disclaimer were filed on October 25, 2012. A Request for Continued Examination along with an Information Disclosure Statement were filed on February 7, 2013.
- (20) U.S. Patent Application Serial No. 13/037,498, entitled "Surgical Instrument With Wireless Communication Between Control Unit and Remote Sensor", **Status:** Abandoned;
- (21) U.S. Patent Application Serial No. 13/631,346, entitled "Surgical Instrument With Wireless Communication Between Control Unit and Remote Sensor", **Status**: Applicant has not yet received an Action on the merits;
- (22) U.S. Patent Application Serial No. 12/793,595, entitled "Surgical Instrument With Wireless Communication Between Control Unit and Sensor Transponders", **Status:** A Non-Final Office Action was mailed on December 4, 2012. Applicant has not yet responded to that Action.
- (23) U.S. Patent Application Serial No. 12/793,599, entitled "Interlock and Surgical Instrument Including Same", **Status:** A Restriction Requirement was mailed on January 22, 2013. Applicant has not yet responded to that Action;
- (24) U.S. Patent Application Serial No. 12/780,380, entitled "Post-Sterilization Programming of Surgical Instruments", **Status:** Abandoned;

- (25) U.S. Patent Application Serial No. 12/856,099, entitled "Disposable Motor-Driven Loading Unit For Use With a Surgical Cutting and Stapling Apparatus", **Status:** now U.S. Patent No. 8,196,795;
- (26) U.S. Patent Application Serial No. 12/031,628, entitled "Disposable Motor-Driven Loading Unit For Use With a Surgical Cutting and Stapling Apparatus", **Status:** now U.S. Patent No. 7,793,812;
- (27) U.S. Patent Application Serial No. 13/369,666, entitled "Robotically-Controlled Surgical End Effector System With Rotary Actuated Closure Systems", **Status:** A Non-Final Office Action was mailed on February 7, 2013. Applicant has not yet responded to that Action;
- (28) U.S. Patent Application Serial No. 11/277,324, entitled "Articulating Endoscopic Accessory Channel", **Status:** A Non-Final Office Action was mailed on August 22, 2012. an Amendment was filed on November 21, 2012;
- (29) U.S. Patent Application Serial No. 13/369,594, entitled "Robotically-Controlled Surgical Instrument With Selectively Articulatable End Effector", **Status:** Applicant has not yet received an Action on the merits;
- (30) U.S. Patent Application Serial No. 12/235,972, entitled "Motorized Surgical Instrument", **Status:** A Final Office Action was mailed on September 6, 2011. A Response and Request for Continued Examination was filed on December 6, 2011;
- (31) U.S. Patent Application Serial No. 13/369,588, entitled "Robotically-Controlled Motorized Surgical End Effector System With Rotary Actuated Closure Systems Having Variable Actuation Speeds", <u>Status</u>: A Non-Final Office Action was mailed on November 9, 2012. An Amendment was filed on February 11, 2013;
- (32) U.S. Patent Application Serial No. 11/711,979, entitled "Surgical Stapling Devices That Produce Formed Staples Having Different Lengths", **Status:** now U.S. Patent No. 8,317,070;
- (33) U.S. Patent Application Serial No. 11/216,562, entitled "Staple Cartridges For Forming Staples Having Differing Formed Staple Heights", **Status:** now U.S. Patent No. 7,669,746;

- (34) U.S. Patent Application Serial No. 13/369,629, entitled "Robotically-Controlled Cable-Based Surgical End Effectors", **Status:** A Notice of Allowance was mailed on December 12, 2012. A Notice to File Corrected Application Papers was mailed on January 15, 2013. An Amendment After Final was filed on February 5, 2013;
- (35) U.S. Patent Application Serial No. 12/031,567, entitled "Motorized Surgical Cutting and Fastening Instrument Having Handle Based Power Source", **Status:** A Non-Final Rejection was mailed on February 6, 2013. Applicant has not yet responded to that Action;
- (36) U.S. Patent Application Serial No. 13/369,584, entitled "Surgical Stapling Instruments With Cam-Driven Staple Deployment Arrangements", **Status:** A Notice of Allowance was mailed on November 26, 2012. A Request for Continued Examination along with an Information Disclosure Statement was filed on February 14, 2013;
- (37) U.S. Patent Application Serial No. 13/020,053, entitled "Shaft Based Rotary Drive System For Surgical Instruments", **Status:** now U.S. Patent No. 8,196,796;
- (38) U.S. Patent Application Serial No. 11/810,015, entitled "Surgical Instrument Having a Multiple Rate Directional Switching Mechanism", **Status:** now U.S. Patent No. 7,905,380;
- (39) U.S. Patent Application Serial No. 13/369,578, entitled "Shiftable Drive Interface For Robotically-Controlled Surgical Tool", **Status:** A Notice of Allowance was mailed on November 13, 2012. A Request for Continued Examination along with an Information Disclosure Statement was filed on February 4, 2013;
- (40) U.S. Patent Application Serial No. 12/949,099, entitled "Surgical Instrument Having Recording Capabilities", **Status:** now U.S. Patent No. 8,167,185;
- (41) U.S. Patent Application Serial No. 11/343,803, entitled "Surgical Instrument Having Recording Capabilities", **Status:** now U.S. Patent No. 7,845,537;
- (42) U.S. Patent Application Serial No. 13/369,561, entitled "Automated End Effector Component Reloading System For Use With a Robotic System", **Status:** Applicant has not yet received an Action on the merits;

- (43) U.S. Patent Application Serial No. 13/369,569, entitled "Robotically-Controlled Surgical Instrument With Force-Feedback Capabilities", **Status:** A Final Office Action was mailed on January 8, 2013. Applicant has not yet responded to that Action;
- (44) U.S. Patent Application Serial No. 13/372,195, entitled "Robotically-Controlled End Effector", **Status:** Applicant has not yet received an Action on the merits;
- (45) U.S. Patent Application Serial No. 11/538,154, entitled "Articulating Surgical Stapling Instrument Incorporating a Two-Piece E-Beam Firing Mechanism", **Status:** Abandoned;
- (46) U.S. Patent Application Serial No. 10/443,617, entitled "Surgical Stapling Instrument Incorporating an E-Beam Firing Mechanism", **Status:** now U.S. Patent No. 6,978,921;
- (47) U.S. Patent Application Serial No. 13/369,601, entitled "Robotically-Controlled Surgical End Effector System", **Status:** A Non-Final Office Action was mailed on November 21, 2012. An Amendment was filed on February 19, 2013; and
- (48) U.S. Patent Application Serial No. 13/489,500, <u>Status</u>: A Non-Final Office Action was mailed on September 5, 2012. Applicant has not yet responded to that Action.

Application Serial No. 13/369,609 Amendment After Allowance dated February 22, 2013

Conclusion

Therefore, Applicants respectfully request that the Primary Examiner recommend that the present amendment be entered in connection with the Subject Application.

If the Examiner has any remaining concerns, the Examiner is invited to contact the undersigned at the telephone number set forth below so that such concerns may be expeditiously addressed.

The Office is hereby authorized to charge any underpayments of fees, or credit any overpayments, to Deposit Account No. 11-1110.

Respectfully submitted,

Thomas J. Edgington / Registration No. 34,324

Attorney for Applicant

K&L GATES LLP K&L Gates Center 210 Sixth Avenue Pittsburgh, Pennsylvania 15222 (412) 355-8303 PATENT Attorney Docket No. END5924USCNT2/060339CON2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Brian D. Nash

In re application of

Frederick E. Shelton, IV

DRIVE INTERFACE FOR OPERABLY

COUPLING A MANIPULATABLE SURGICAL

TOOL TO A ROBOT

Group Art Unit No. 3721

Serial No.: 13/369,609

Filing Date: February 9, 2012

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222

February 22, 2013

VIA ELECTRONIC FILING

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Assignee of the entire right, title and interest in and to the above-captioned application (hereinafter "Applicant"), in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying forms PTO/SB/08a and PTO/SB/08b (substitute for 1449/PTO) *Information Disclosure Statement by Applicant*. A copy of each of the non-U.S. patent references cited therein is herewith enclosed. Applicant is not enclosing copies of the yet-to-be-published patent applications cited herein and

PI-3467406 v1

which may be accessed by the Examiner on the United States Patent and Trademark Office's PAIR database. However, copies of such documents will be provided upon request.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Applicant files herewith:

- a European Examination Report which was issued in connection with corresponding European Application Number 08250100.8 on February 19, 2009.
- A European Search Report which was issued in connection with corresponding European Application Number 08250080.2 on November 4, 2009.
- A European Examination Report which was issued in connection with corresponding European Application Number 08250093.5 on June 14, 2010.
- A European Examination Report which was issued in connection with corresponding European Application Number 08250080.2 on June 14, 2010.
- An International Search Report which was issued in connection with corresponding PCT Application Number PCT/US2012/026997 on May 7, 2012.
- A Written Opinion which was issued in connection with corresponding PCT Application Number PCT/US2012/026997 on May 7, 2012.
- An International Search Report which was issued in connection with corresponding PCT Application Number PCT/US2012/039156 on October 29, 2012.
- A Written Opinion which was issued in connection with corresponding PCT Application Number PCT/US2012/039156 on October 29, 2012.
- A European Search Report which was issued in connection with European Application Number 12173458.6 on December 6, 2012.

Applicant submits that no fee is necessary for consideration of this *Information Disclosure Statement* under 37 C.F.R. § 1.97(b)(4). Nevertheless, the Office is hereby authorized to charge Account No. 11-1110 for any fees necessary for consideration of this *Information Disclosure Statement*.

Respectfully submitted,

Thomas J. Eggington

Registration No. §4,324

K&L Gates LLP K&L Gates Center 210 Sixth Avenue Pittsburgh, Pennsylvania 15222-2613

(412) 355-8303 (412) 355-6501 (FAX)

Electronic Acl	knowledgement Receipt
EFS ID:	15024495
Application Number:	13369609
International Application Number:	
Confirmation Number:	9149
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT
First Named Inventor/Applicant Name:	Frederick E. Shelton
Customer Number:	92223
Filer:	Thomas J. Edgington/Theresa Merante
Filer Authorized By:	Thomas J. Edgington
Attorney Docket Number:	END5924USCNT2/060339CON2
Receipt Date:	22-FEB-2013
Filing Date:	09-FEB-2012
Time Stamp:	16:51:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

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File Listing	:					
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11	Foreign Reference	EP0856326B1.pdf	822618 5e0c57dbca1321e0d38a34c133fbf8565989	no	13
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58	Foreign Reference	EP1285633B1.pdf	317982	no	5
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acl	Electronic Acknowledgement Receipt						
EFS ID:	15024876						
Application Number:	13369609						
International Application Number:							
Confirmation Number:	9149						
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT						
First Named Inventor/Applicant Name:	Frederick E. Shelton						
Customer Number:	92223						
Filer:	Thomas J. Edgington/Theresa Merante						
Filer Authorized By:	Thomas J. Edgington						
Attorney Docket Number:	END5924USCNT2/060339CON2						
Receipt Date:	22-FEB-2013						
Filing Date:	09-FEB-2012						
Time Stamp:	16:53:17						
Application Type:	Utility under 35 USC 111(a)						

Payment information:

Submitted with	Payment	no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Foreign Reference	EP1330201B1.pdf	2121410	no	32
	, oreign nerelence	2. 1050201511.pu	818ec75963fe26c741514e5494f318089949 1f13		
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2	Foreign Reference	EP1330989B1.pdf	1149676	no	18
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7	Foreign Reference	EP1400214B1.pdf	1416265	no	35
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8	Foreign Reference	EP1402821B1.pdf	1751699	no	37
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9	Earnign Pafaranca	ED1402027A1 pdf	682045	no	36
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10	Foreign Reference	EP1407719A2.pdf	632842	no	12
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11	Foreign Reference	EP1426012A1.pdf	1451966 	no	30
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27	Foreign Defense	ED1617760D1 16	1743667		42
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38	Foreign Reference	EP1621138A2.pdf	1544938 cdc9f643d2cd703e45e5c32a50b5e6e1022	no	37
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56	Foreign Reference	EP1736104B1.pdf	232b427e3871e01b43efcac6386463f0b408 085d	no	23
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

Electronic Ack	Electronic Acknowledgement Receipt						
EFS ID:	15027278						
Application Number:	13369609						
International Application Number:							
Confirmation Number:	9149						
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT						
First Named Inventor/Applicant Name:	Frederick E. Shelton						
Customer Number:	92223						
Filer:	Thomas J. Edgington/Theresa Merante						
Filer Authorized By:	Thomas J. Edgington						
Attorney Docket Number:	END5924USCNT2/060339CON2						
Receipt Date:	22-FEB-2013						
Filing Date:	09-FEB-2012						
Time Stamp:	16:56:34						
Application Type:	Utility under 35 USC 111(a)						

Submitted with Payment		no				
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5	Caraign Deference	JP2001514541A-English-	1084940		44
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23	roleighterenee	31 0007 337 N.pdi	95717632bc6673599e6c251d33395378899 9d2d5	110	10
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36 Foreign Reference RU2141279C1_English-Abstract.pdf 9477 no 1 Warnings: Information: 37 Foreign Reference RU2187249C2.pdf 229572 / (647d23195a13b19e90627078fda5b711f7 / 448ed no 5 Warnings:						
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46	Foreign Reference	SU189517_English_Translation.	4310485	no	7
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47	Foreign Reference	SU328636_English_Translation.		no	9
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54	Foreign Reference	WO0053112A2.pdf	1416345	no	35
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

Electronic Ack	Electronic Acknowledgement Receipt				
EFS ID:	15026908				
Application Number:	13369609				
International Application Number:					
Confirmation Number:	9149				
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT				
First Named Inventor/Applicant Name:	Frederick E. Shelton				
Customer Number:	92223				
Filer:	Thomas J. Edgington/Theresa Merante				
Filer Authorized By:	Thomas J. Edgington				
Attorney Docket Number:	END5924USCNT2/060339CON2				
Receipt Date:	22-FEB-2013				
Filing Date:	09-FEB-2012				
Time Stamp:	16:55:08				
Application Type:	Utility under 35 USC 111(a)				

Submitted with	Submitted with Payment		no			
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Warnings:						
Information:						
7	Foreign Reference	EP1780825A1.pdf	1665516	no	34	
	,	·	818446b77b59532abf9f920a99b7509056b 37d08			
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9	Foreign Reference	ED170500001 ~ Jf	1307323	20	31	
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10	Foreign Reference	EP1785102B1.pdf	907529	no	19	
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22	Familian Dafananan	ED1015004D1 Jf	1396011		26
22	Foreign Reference	EP1815804B1.pdf	d9257c40d7325ff5fb8bd40bf303f667b6f0a 301	no	26
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23	Foreign Reference	EP1839596A1.pdf	798f1a2a43d075d8c31159add7dd2bb5fed 51b57	no	29
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24	Foreign Reference	EP1857057A2.pdf	83f57e6ba26dae3f0ad73f5fb3b2a193d8c0 83e8	no	49
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25	Familian Defenses	ED1072727A1 Jf	1867398		25
25	Foreign Reference	EP1872727A1.pdf	f8c5c93bb45f87ab3fdd9309036f0cab252e 0309	no	35
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26	Foreign Reference	EP1897502A1.pdf	8caaa87c3aafc580d7bbf2dc23ce1c03df69 57d1	no	17
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27	Foreign Reference	EP1943955A2.pdf	08446225731678833ad5900d130b9d8faf3 8b540	no	34
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	F 1 5 6	FP	2156327		
28	Foreign Reference	EP1943964A1.pdf	318d1a32ec400a81cc9f11826876c0a7ce2b 120f	no	53
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29	Foreign Reference	EP1943976A2.pdf	1275070 7a596dbe3f65acd0b35cdbce0845ed4d8fa	no	30
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30	Foreign Reference	EP1970014A1.pdf	001327	no	12
			a6414380915f602ce614b71cf440feafefe0d 4e0	1d	
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31	Foreign Reference	EP1980213A2.pdf	71ffa078735790a4f9947fa075ba9264d262	no	32
 			4055		
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information:			1400505		
32	Foreign Reference	EP1990014A2.pdf	1488636	no	33
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34	Foreign Reference	EP2005896B1.pdf	789e168ecd26614a7e87f5a15a181f5dc76d	no	46
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35	Foreign Reference	EP2008595A2.pdf	1059098	no	18
		·	67d79f638df94c0ce0099af3fcccd47e4f169 1e1		
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37	Foreign Reference	EP2039316A2.pdf		no	13
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38	Foreign Reference	EP2044890A1.pdf	2862526 b56d85dce42ba8a8bd0f19430ba6d44dd2 938ca0	no	56
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39	Foreign Reference	ED200022741 pdf	2872112	no	70
39	Foreign Reference	EP2090237A1.pdf	fc65c14bf32b9990fd170e026ddb83e77509 8743	no	/0
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40	Foreign Reference	EP2090243B1.pdf	2201108	no	55
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41	Foreign Reference	EP2090244A2.pdf	2599117	no	64
		2, 20502 11, 12, p. 1.	e0e9e8c61e9c2b32c8a4dc7231aaa5deddb 668ed		
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42	Foreign Reference	EP2090256A2.pdf	2340917	no	56
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43	Foreign Reference	EP2095777A2.pdf	3592792	no	82
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44	Foreign Reference	EP2110082A1.pdf	1156897	no	24
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Warnings:					
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45	Foreign Reference	EP2110083A2.pdf	1377489	no	26
	roreignmererence	El 2110003/12.pdi	ea803944c5c1c4fbfe59bbe4d5d806df0d0e 21e9		20
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Information:					
46	Foreign Reference	EP2116195A1.pdf	1483650	no	28
	. 5.2.g////c/c/c/fec	Lr2110195A1.pai	ff1dee00ae22883077b5f01860259d01af8c 817b		
Warnings:					
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47	Foreign Reference	FR1112936_Translation.pdf	412967 5a35b46f4a6c734d0cdf37e6b0a4b313991	no	5
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48	Foreign Reference	FR2598905A1_English_Abstrac	695722	no	21
	roreignnererenee	t.pdf	d26348e54793e00919ad0afedf786bc2322 3770c		
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		FR2765794A1_Eng_Abstract.	323039		
49	Foreign Reference	pdf	00487ff27cbdaefd5106782991d68d0bf754	no	10
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			175177		
50	Foreign Reference	FR999646A.pdf		no	3
			ecd6dd3b4681ff0aff3986765d1d1199a4a5 09b1		
Warnings:					
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51	Causina Dafaran sa	GB1210522A.pdf	1514998	no	27
51	Foreign Reference		b4b01b768d51de31636bead35ab4312ad2 791408		27
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52	Foreign Reference	GB1217159A.pdf	00933378680b6f818d84f787d17c6c45ce27	no	5
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53	Foreign Reference	GB1339394A.pdf	205937	no	3
33	roreignmeterence	GB133333711pu1	7f07ae083df9d0f8253fba00cdd258432e8b a140	110	
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54	Foreign Reference	GB2109241A.pdf	bbd4710c2fece36bfc087f4cda0a7a721619	no	6
147 '			5bfc		
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55	Foreign Reference	GB2272159A.pdf	701872	no	23
55 Foreign Refere		GB22/2159A.par			1
			378e52759bfdb6ea0ed77ce7934f80f93007 47df		
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56	Foreign Reference	GB2284242A.pdf	551672	no	15
30	Totalgrinaletenee	GDZZO+Z+Z/I.pul	62bfc56fa7e18237a72b95ddb1df6162c665 9030		13
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57	Foreign Reference	GB2336214A.pdf	201992	no	5
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58	Foreign Reference	GB2425903A.pdf .	423061	no	14
	, oreign neither	352 1255 057 (Lpd)	6ee0fd90f19a4cf6ca13124e5f8fe30b39fe8 138		
Warnings:					
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59	Foreign Reference	GB939929A.pdf	301310	no	6
	.		626d6841a09d1806a43decad162fcfc44a3d b7e0		
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60	Foreign Reference	JP2000033071A_English_Abstr	539015	no	11
		act.pdf	d40d239c4baab05257ac7476655d473ead 773869		
Warnings:					
Information:					
		Total Files Size (in bytes)	: 888	361888	
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

Electronic Ack	Electronic Acknowledgement Receipt				
EFS ID:	15027683				
Application Number:	13369609				
International Application Number:					
Confirmation Number:	9149				
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT				
First Named Inventor/Applicant Name:	Frederick E. Shelton				
Customer Number:	92223				
Filer:	Thomas J. Edgington/Theresa Merante				
Filer Authorized By:	Thomas J. Edgington				
Attorney Docket Number:	END5924USCNT2/060339CON2				
Receipt Date:	22-FEB-2013				
Filing Date:	09-FEB-2012				
Time Stamp:	16:58:30				
Application Type:	Utility under 35 USC 111(a)				

Submitted with Payment no					
File Listing	:				
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Foreign Reference	WO0105702A1.pdf	765136	no	19
		,, cc,, cz,, ,,,,,,,,,,,,,,,,,,,,,,,,,,	244d8e9a71609a1466146c055672b2add4f ef179		
Warnings:					
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2	Foreign Reference	WO0135845A1.pdf	1035740 814094ef09d451cceea0f9c787f4aebe42db	no	24	
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			1140094			
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4	Foreign Reference	WO0158371A1.pdf	f4622331ca82b046d83a62e3311469b70a7	no	40	
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5	Foreign Reference	WO0162158A2.pdf	820427	no	21	
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6	Foreign Reference	WO0162161A1.pdf	de787ddc8b1952deee44f51e9364dce95fb 05b0d		25	
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7	Foreign Reference	WO0162162A1.pdf	8e481dff6c821feb4a6f255bcf1ee41370e00	no	25	
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mormation:		1				
8	Foreign Reference	WO0162164A2.pdf	1014106	no	24	
			fe802b6344d261d4fdf27e504415a9b986e 9d253			
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			3209337			
9	Foreign Reference	WO0162169A2.pdf	53a5fbde5136381ad5a9ee9eca42c46589c	no	65	
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10	Foreign Reference	WO0178605A2.pdf		no	48	
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11	Foreign Reference	WO0191646A1.pdf	1316422 d8bb9587410f9cfd90764ae3f557f9859e54	no	31
			75d7		
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12	F : D (W0000000000000000000000000000000000000	3444252		22
12	Foreign Reference	WO02058568A1.pdf	4f8d8f24352a64e90bd9b4684bcd5771567 d6498	no	82
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16	Foreign Reference	WO0207618A1.pdf		no	62
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17	Familia Defama	W(00200202A1 45	969933		11
17	Foreign Reference	WO02098302A1.pdf	674fa7070918bb40b42a9b09a016a50ce6e 73212	no	32
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18	Foreign Reference	WO0217799A1.pdf	669afeaca272ab1dc27c7171c3a206bd40ce	no	67
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20	Foreign Reference	WO0219932A2.pdf	1329187 b7aab8a65805806e481c46120ba516f5dcc	no	32
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21	Foreign Reference	WO0230297A2.pdf	6649c5bde3485454f30102a2c59b6f10ebb 21ea5	no	62
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22	Foreign Reference	WO0232322A2.pdf	1902162	no	67
	,	<u>'</u>	981e78bffb2bcbed8b39387338018360c8d 914be		
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23	Foreign Reference	WO0236028A1.pdf	2879474	no	58
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24	Foreign Reference	WO0243571A2.pdf	2703641	no	79
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25	Foreign Reference	WO03000138A2.pdf	3603466	no	93
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26	Foreign Reference	WO03001329A2.pdf	1333651	no	26
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27	Foreign Reference	WO03013363A1.pdf	745233	no	20
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28	Foreign Reference	WO03015604A2.pdf	950749	no	24
	-		bd4d11134d3fad6774751cb199aded7591 2b39a7		
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29	Foreign Reference	WO03020106A2.pdf	1507819 1d4c08f17424a9bc0fabb38f755763d24f79 8ec7	no	39
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30	Foreign Reference	WO03024339A1.pdf	f4dfba3fdf344e6a7a5f00bc7c976cab977cd a2d	no	24
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			4131633		
31	Foreign Reference	WO03030743A2.pdf	542f5b95f9fe764f6aead4b678ac4c8f46c34 db5	no	103
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22	5 . 0.6	WOODD-100 M	676072		10
32	Foreign Reference	WO03037193A1.pdf	6546d486ac59238abca9d1227fce90e24e9f 4f7a	no	19
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33	Foreign Reference	WO03055402A1.pdf	2e4b14979e2253df67a1b847c8d60578699 03f6b		33
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34	Foreign Reference	WO03057048A1.pdf	3c5297bcd866fda4598ed05bb02346b0634 f0cc9	no	106
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35	Foreign Reference	WO03057058A1.pdf	dc97858db87e1f470f01e9249bff80886f92 122b	no	44
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36	Families Defens	WOODGTTTOM	3700793		44-
36	Foreign Reference	WO03077769A1.pdf	c1abd5f622020ff7478192eefe00350b6f5da 1b5	no	116
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37	Foreign Reference	WO03079911A1.pdf	eeecacbd6baa4ca9afb89eaa35313b3fff363 3bc	no	88
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38	Foreign Reference	WO03082126A1.pdf	2156321 9c110c369f69ad8488a4ff092389bfcc2c89f	no	56
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40	Foreign Reference	WO03094743A1.pdf	2195228	no	53
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42	Foreign Reference	WO03101313A1.pdf	3530523	no	77
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43	Foreign Reference	WO03105698A2.pdf	85b9640c654501604b249ba23d5108c94b	no	29
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45	Foreign Reference	WO2003047436A3.pdf	5067b9508221669de5532cf4eaf015a30ca6	no	75
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omation			1347060		
46	Foreign Reference	WO2003063694A1.pdf	1347969	no	36
			4e13fe1b2455cff111494919f05baace0cb09 a3f		
Warnings:					

47	Foreign Reference	WO2003079909A3.pdf	7785447 Bed88a018365427f8196c85f2559431cd3d1f 94ea	no	158
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48	Foreign Reference	WO2003094746A1.pdf	aebf01f1deb64e8cbaa361733ea09a45226e e75e	no	55
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49	Foreign Reference	WO2003094747A1.pdf	083c8e818cc5595e40d7487cafd35183a37 4ab53	no	50
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50	Foreign Reference	WO2004006980A2.pdf	3492a1f1fbe2069d8c20ea230172ee4f9c00 b8a8		34
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53	Foreign Reference	WO2004021868A2.pdf	b776f4104447afd65bc466a9e92e6017461 5c3af	no	27
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54	Foreign Reference	WO2004028585A2.pdf	0743920b78383db24a3e4a9a7b0da7757b 988bc7	no	30
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_			904614		
55	Foreign Reference	WO2004032754A2.pdf	5a3d0f9f13479ef0bcdff4cd01887d0be634c 726	no	24
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56	Foreign Reference	WO2004032760A2.pdf	1152689	no	34
36	roreigh kelerence	W02004032760A2.pdi	e0d5a6da3ecfbb83bc3cbe35b1137f021f82 e348	no	54
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57	Foreign Reference	WO2004032762A1.pdf	1332033	no	42
			20f2584a5dcf09081b0ef33df95e8f87c47b5 00b		. –
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Information:					
58	Foreign Reference	WO2004032763A2.pdf	2094488	no	65
	, oreign merenes	W6266 16527 65712.pg.	1a1ee4318a7e6c34f47c70fd853b6f75f8741 2d9		33
Warnings:					
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59	Foreign Reference	WO2004034875A2.pdf	1551682	no	39
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60	Foreign Reference	WO2004047626A1_Eng_Abstra	1076416	no	21
		ct.pdf	49d8951218a78d33fc5d107632a938792fe 72311		
Warnings:					
Information:					
		Total Files Size (in bytes)	121	946286	

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

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New International Application Filed with the USPTO as a Receiving Office

Electronic Ack	knowledgement Receipt
EFS ID:	15029327
Application Number:	13369609
International Application Number:	
Confirmation Number:	9149
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT
First Named Inventor/Applicant Name:	Frederick E. Shelton
Customer Number:	92223
Filer:	Thomas J. Edgington/Theresa Merante
Filer Authorized By:	Thomas J. Edgington
Attorney Docket Number:	END5924USCNT2/060339CON2
Receipt Date:	22-FEB-2013
Filing Date:	09-FEB-2012
Time Stamp:	17:03:07
Application Type:	Utility under 35 USC 111(a)

Submitted with Payment		no				
File Listing	g:					
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1	Foreign Reference		WO9724993A1.pdf	1893187	no	45
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

Electronic Acknowledgement Receipt					
EFS ID:	15029098				
Application Number:	13369609				
International Application Number:					
Confirmation Number:	9149				
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT				
First Named Inventor/Applicant Name:	Frederick E. Shelton				
Customer Number:	92223				
Filer:	Thomas J. Edgington/Theresa Merante				
Filer Authorized By:	Thomas J. Edgington				
Attorney Docket Number:	END5924USCNT2/060339CON2				
Receipt Date:	22-FEB-2013				
Filing Date:	09-FEB-2012				
Time Stamp:	17:01:40				
Application Type:	Utility under 35 USC 111(a)				

Submitted with Payment			no			
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Warnings:			1684372		
	Reference	WO9700647A1.pdf	fd4f4160893212d18553741837fbbadda58 982cc	no	39
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	Reference		f79e6ce789a09e524158ceedb3def2f38bc3 1e17		
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55 Foreign F	Reference		833959	no	22
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Warnings:					
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58	58 Foreign Reference	WO9711649A1.pdf	733519	no	19
	, oreign neither		e600f328d71b2cec899dd5e904347560185 678db		
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59	Foreign Reference	WO9715237A1.pdf	404758	no	12
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		Total Files Size (in bytes)	947	726077	

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acl	knowledgement Receipt
EFS ID:	15028744
Application Number:	13369609
International Application Number:	
Confirmation Number:	9149
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT
First Named Inventor/Applicant Name:	Frederick E. Shelton
Customer Number:	92223
Filer:	Thomas J. Edgington/Theresa Merante
Filer Authorized By:	Thomas J. Edgington
Attorney Docket Number:	END5924USCNT2/060339CON2
Receipt Date:	22-FEB-2013
Filing Date:	09-FEB-2012
Time Stamp:	17:00:01
Application Type:	Utility under 35 USC 111(a)

Payment information:

File Listing:	File Size(Bytes)/		
Document B	Eilo Simo/Purtos\/		
DOCUMENT DESCRIPTION FILE NAME	Message Digest	Multi Part /₊zip	Pages (if appl.)
1 Foreign Reference WO2004047653A2.pdf	1176885 7e80dfb3c8c2ded5904c5cb6147d44e20c 564c8	no	35
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11	Foreign Reference	WO2004096057A2.pdf	2201962 03123f21285addb82e87311920530576b28	no	61
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21	Fausian Defeuence	W(02005072624A2 = 45	950354		24
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22	Foreign Reference	WO2005078892A1.pdf	1853086	no	39
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23	Foreign Reference	WO2005079675A2.pdf	1904079	no	45
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28	Foreign Reference	WO2005115253A2.pdf	f835f25c84b3695d620c3db5706913fa1207 6c65	no	87
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29	Foreign Reference	WO2005117735A1.pdf	1858741 4b2e5aea72ff9d7cd81a67aac433280562dd	no	42
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33	Foreign Reference	WO2006044490A2.pdf	3079499	no	73
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44	Foreign Reference	WO2007016290A2.pdf	3759855	no	108
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47	Foreign Reference	WO2007121579A1.pdf	1229877 180fdb67841522455f30171f2779f224c995	no	33
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53	Foreign Reference	WO2008021969A2.pdf	62e67d7e34e5411a10e3061381919733bec 65ded	no	141
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54	Foreign Reference	WO2008039249A1.pdf	9080204	no	210
54	Foreign Reference	WO2008039249A1.pdi	648d06c9460582a0f85b6754cf9fee1836ad 1407	no	210
Warnings:		•			-
Information:					
55	Eoroign Poference	WO200902027041 = 45	8944737	n •	197
55	Foreign Reference	WO2008039270A1.pdf	30c2df79307eb118694f64e285063706139f c80c	no	19/
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Information:					

56	Foreign Reference	WO2008045383A2.pdf	1854715	no	58
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Information:					
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New Applications Under 35 U.S.C. 111

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PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it displays a valid OMB control number.

P	PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				_	oplication or I	Docket Number 9,609	Fil	ing Date 09/2012	To be Mailed	
	AF	PPLICATION	AS FILE		Column 2)		SMALL	ENTITY	OR		HER THAN ALL ENTITY
\vdash	FOR	N	NUMBER FILED NUMBER EXTRA		VIBER EXTRA	П	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
	BASIC FEE (37 CFR 1.16(a), (b), o	or (<u>c))</u>	N/A		N/A		N/A		1	N/A	
	SEARCH FEE (37 CFR 1.16(k), (i), c		N/A		N/A] [N/A			N/A	
	EXAMINATION FE (37 CFR 1.16(o), (p), o		N/A		N/A] [N/A			N/A	
	TAL CLAIMS CFR 1.16(i))		mir	nus 20 = *			X \$ =		OR	X \$ =	
	EPENDENT CLAIM CFR 1.16(h))			inus 3 = *] [X \$ =			X \$ =	
	☐ APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
	MULTIPLE DEPEN	IDENT CLAIM PF	ESENT (3	7 CFR 1.16(j))							
* If 1	the difference in colu	ımn 1 is less than	zero, ente	r "0" in column 2.		-	TOTAL			TOTAL	
	APPLICATION AS AMENDED - PART II (Column 1) (Column 2) (Column 3)			- -	SMAL	L ENTITY	OR		ER THAN ALL ENTITY		
AMENDMENT	02/22/2013	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
ME	Total (37 CFR 1.16(i))	* 28	Minus	** 28	= 0		X \$ =		OR	X \$62=	0
	Independent (37 CFR 1.16(h))	* 6	Minus	***6	= 0] [X \$ =		OR	X \$250=	0
ΑM	Application Si	ze Fee (37 CFR	I.16(s))			!					
	FIRST PRESEN	ITATION OF MULTI	PLE DEPEN	DENT CLAIM (37 CFF	R 1.16(j))	Ш			OR		
						-	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	0
L		(Column 1)		(Column 2)	(Column 3)		_				
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
EN	Total (37 CFR 1.16(i))	*	Minus	**	=		X \$ =		OR	X \$ =	
DM	Independent (37 CFR 1.16(h))	*	Minus	***	=] [X \$ =		OR	X \$ =	
AMENDI	Application Si	ze Fee (37 CFR	I.16(s))			!!					
AN	FIRST PRESEN	ITATION OF MULTI	PLE DEPEN	DENT CLAIM (37 CFF	국 1.16(j))				OR		
							TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
** If	the entry in column 1 the "Highest Numbe If the "Highest Numb "Highest Number P	er Previously Paid er Previously Pai	For" IN TH	HIS SPACE is less HIS SPACE is less	than 20, enter "20" s than 3, enter "3".		/LINDA	nstrument Ex A. WASHING priate box in colu	iTON/	er:	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

92223 7590 03/07/2013 K&L Gates LLP 210 SIXTH AVENUE PITTSBURGH, PA 15222-2613

EXAMINER NASH, BRIAN D

PAPER NUMBER

ART UNIT 3721

DATE MAILED: 03/07/2013

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/369,609	02/09/2012	Frederick E. Shelton IV EN	D5924USCNT2/060339CO	N2 9149

TITLE OF INVENTION: DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1770	\$300	\$0	\$2070	06/07/2013

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:**

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page 1 of 3

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 92223 7590 03/07/2013 Certificate of Mailing or Transmission K&L Gates LLP I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. 210 SIXTH AVENUE PITTSBURGH, PA 15222-2613 (Signature APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 13/369,609 02/09/2012 Frederick E. Shelton IV END5924USCNT2/060339CON2 TITLE OF INVENTION: DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE 06/07/2013 nonprovisional NO \$1770 \$300 \$0 \$2070 EXAMINER ART UNIT CLASS-SUBCLASS NASH, BRIAN D 3721 227-175100 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🚨 Corporation or other private group entity 🚨 Government 4a. The following fee(s) are submitted: 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ Issue Fee A check is enclosed. Dublication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number ______ (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/369,609	02/09/2012	Frederick E. Shelton IV EN	ND5924USCNT2/060339CON2 9149	
92223 7:	590 03/07/2013		EXAM	IINER
K&L Gates LLP		NASH, BRIAN D		
210 SIXTH AVEN PITTSBURGH, PA			ART UNIT	PAPER NUMBER
			3721	

DATE MAILED: 03/07/2013

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

	Application No.	Applicant(s)
	13/369,609	SHELTON, FREDERICK E.
Notice of Allowability	Examiner	Art Unit
	BRIAN D. NASH	3721
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with the co (OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject to	orrespondence address plication. If not included n will be mailed in due course. THIS
1. \square This communication is responsive to <u>RCE filed 2/22/2013</u> .		
 An election was made by the applicant in response to a rest requirement and election have been incorporated into this ac 		he interview on; the restriction
 The allowed claim(s) is/are <u>1 and 4-30</u>. As a result of the all Prosecution Highway program at a participating intellectual please see http://www.uspto.gov/patents/init_events/pph/ind 	I property office for the correspondir	ng application. For more information,
4. ☐ Acknowledgment is made of a claim for foreign priority under a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have	been received.	
 Certified copies of the priority documents have Copies of the certified copies of the priority documents International Bureau (PCT Rule 17.2(a)). * Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
5. CORRECTED DRAWINGS (as "replacement sheets") musi	t be submitted.	
including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the C	Office action of
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
 DEPOSIT OF and/or INFORMATION about the deposit of B attached Examiner's comment regarding REQUIREMENT FO 		
Attachment(s) 1 Notice of References Cited (PTO-892)	5. 🛛 Examiner's Amendr	
 Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 	6. Examiner's Stateme	ent of Reasons for Allowance
 3. Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. Interview Summary (PTO-413), 	7. 🔲 Other	
Paper No./Mail Date		
/BRIAN D NASH/ Primary Examiner, Art Unit 3721		

U.S. Patent and Trademark Office PTOL-37 (Rev. 09-12)

Notice of Allowability

Part of Paper No./Mail Date 20130225

Application/Control Number: 13/369,609 Page 2

Art Unit: 3721

DETAILED ACTION

Examiner's Comments

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR

1.17(e), was filed in this application after final rejection. Since this application is eligible for continued

examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the

finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's

submission filed on 2/22/2013 has been entered. The pending claims remain 1 and 4-30.

2. As previously stated in the Notice of Allowance mailed 12/11/2012, all matters of form have been

remedied and applicant's amendment has combined the indicated allowable subject matter with their

respective base claims which now places the application in condition for allowance over the prior art of

record. The prior art of record shows similar examples of elements disclosed in applicant's invention;

however, it is the examiner's opinion that it would not have been obvious to one having ordinary skill in

the art at the time of the invention to combine or modify the prior art in order to arrive at applicant's

invention.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should

be directed to Brian Nash whose telephone number is 571-272-4465. The examiner can normally be

reached on Monday - Friday from 8 a.m. to 4 p.m. If attempts to reach the examiner by telephone are

unsuccessful, the examiner's supervisor, M. Alexandra Elve can be reached at 571-272-1173. The official

fax number for this Group is: 571-273-8300.

4. Information regarding the status of an application may be obtained from the Patent Application

Information Retrieval (PAIR) system. For more information about the PAIR system, see www.uspto.gov.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center

(EBC) at 866-217-9197 (toll-free).

/Brian D. Nash/

Primary Examiner, Art Unit 3721

2/25/2013

552



Application/Control No.	Applicant(s)/Patent under Reexamination		
13/369,609	SHELTON, FREDERICK	E.	
Examiner	Art Unit		
BDIAN D NASH	3701		

SEARCHED						
Class	Subclass	Date	Examiner			
227	175.1,177. 1,180.1, 19	8/23/2012	BN			
606	text	8/23/2012	BN			

INTERFERENCE SEARCHED						
Class	Subclass	Date	Examiner			
227 all above		2/25/2013	BN			
	- see EAST report	2/25/2013	BN			

SEARCH NOTES (INCLUDING SEARCH STRATEGY)					
	DATE	EXMR			
227, 606 and text, invntr srch via EAST updated	12/3/2012	BN			
IDS filed 2/22/2013	2/25/2013	BN			

U.S. Patent and Trademark Office

Part of Paper No. 20130225

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	47	("20030093103" "20060212069" "20080167522" "20080167672" "20080308603" "20090206131" "20110288573" "20110290854" "20110290853" "20110290854" "20110290856" "20110295242" "20110295269" "20110295270" "20110295295" "20120298719" "5465895" "5653677" "5688270" "5693042" "5709680" "5792135" "5817084" "5878193" "6132368" "6231565" "6364888" "6648816" "6978921" "6981628" "7077856" "7416101" "7524320" "7607557" "7670334" "7673781" "7721936" "7726537" "7738971" "7806891" "7824401" "7900805" "7954682" "8167185").PN.	US- PGPUB; USPAT	OR	OFF	2013/02/25 10:38
L2	21	1 and anvil and cartridge and spine and gear	US- PGPUB; USPAT	OR	OFF	2013/02/25 10:40
S6	1076	227/176.1,19,179.1,180.1,181.1,182.1.ccls.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 08:53
S7	401	S6 and jaw and cartridge	US- PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 08:53
S8	298	S7 and (trigger or handle) and anvil and (sever or cut or knife or blade)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 09:12
S9	142	"606"/\$.ccls. and ((jaw or anvil) with (grip or ridge)) and cartridge and (trigger or handle) and (sever or cut or knife or blade)	US- PGPUB; USPAT; EPO; JPO		ON	2006/09/27 09:14
S10	80	"606"/\$.ccls. and ((jaw or anvil) with (gripping or ridged)) and cartridge and (trigger or handle) and (sever or cut or knife or blade)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/27 09:14
	97	"227"/\$.ccls. and ((jaw or anvil) with (gripping or ridged)) and cartridge and (trigger or handle) and (sever or cut or knife or blade)	US- PGPUB; USPAT; EPO;	OR	ON	2006/09/27 09:14

	L		JPO			
S14		"227"/\$ and stapler and ((upper or lower) with jaw) and ((clamp or grip) same tissu- and anvil and cartridge and handle and trigger	USPAT; EPO; JPO	OR	ON	2006/09/27 09:50
S15	44	"606"/\$ and stapler and ((upper or lower) with jaw) and ((clamp or grip) same tissuand anvil and cartridge and handle and trigger	USPAT; EPO; JPO	OR	ON	2006/09/27 09:50
518	140	("2448741" "3054406" "3314431" "3494533" "3593903" "3643851" "37763860" "3777538" "3837555" "3871379" "3955581" "0312413" "0389660" "4014492" "4027510" "4043504" "4127227" "4196836" "4204623" "4207873" "4256251" "4261244" "4296751" "4316468" "4317535" "4321002" "4347847" "4399810" "4403693" "4406392" "4407286" "4452245" "4454875" "44470532" "4485816" "4459533" "4489875" "44509518" "4506819" "4509518" "452724" "4526620" "4526174" "4526174" "452724" "4528399" "4566620" "4573622" "4583670" "4591086" "4592498" "4596350" "460393" "4604305" "4602555" "4664305" "4662373" "4662373" "4662373" "4664305" "4671279" "4688555" "4691853" "4719917" "4728020" "4776368" "4719917" "4728020" "4747531" "4789090" "4802478" "4807628" "4811886" "4811	US- PGPUB; USPAT; EPO; JPO	OR	ON ON	2007/08/16
S19	1	("20040173659").PN.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2007/08/16 08:32
S23	6	606/139.ccls. and stapler and cartridge an	d US-	OR	ON	2009/02/20

		anvil and (control same articulate)	PGPUB; USPAT; EPO; JPO			10:40
S25	96	"227"/\$ and stapler and ((upper or lower) with jaw) and ((clamp or grip) same tissue) and anvil and cartridge and handle and trigger	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 11:46
S26	73	"606"/\$ and stapler and ((upper or lower) with jaw) and ((clamp or grip) same tissue) and anvil and cartridge and handle and trigger	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 11:46
S27	8	606/139.ccls. and stapler and cartridge and anvil and (control same articulate)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 11:47
S28	118	S25 S26 S27	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 11:47
S29	115	\$28 and (pivot or articulate)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/11/08 11:47
S30	1	"20090314820"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/12/29 08:46
S31	701	((DAVID) near2 (GREEN)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2009/12/29 09:16
S32	128	((HENRY) near2 (BOLANOS)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2009/12/29 09:38
S33	117	((WAYNE) near2 (YOUNG)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2009/12/29 09:38
S34	47	((STEPHAN) near2 (DEFONZO)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2009/12/29 09:39
\$35	800	S31 S32 S33 S34	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/12/29 09:39
S36	192	S35 and staple	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/12/29 09:40

S37	160	S35 and staple and (clutch or pusher)	US- PGPUB; USPAT; EPO;	OR	ON	2009/12/29 09:40
S38	199	(US-20060180634-\$ or US-20060175375-\$ or	JPO US-	OR	ON	2009/12/29
		US-20060025816-\$ or US-20060097026-\$ or US-20060060630-\$ or US-20060049230-\$ or US-200600022015-\$ or US-20060022014-\$ or US-2006000868-\$ or US-20050173490-\$ or US-20060000868-\$ or US-20050173490-\$ or US-20060000868-\$ or US-20050173490-\$ or US-20060000867-\$ or US-20050070958-\$ or US-20050070925-\$ or US-20050070958-\$ or US-20050070925-\$ or US-20050067458-\$ or US-20050067459-\$ or US-20040232196-\$ or US-20040232197-\$ or US-6986649-\$ or US-7000818-\$ or US-6986649-\$ or US-7000818-\$ or US-509269-\$ or US-509269-\$ or US-509269-\$ or US-5084057-\$ or US-508375-\$ or US-54860982-\$ or US-5487500-\$ or US-54860982-\$ or US-5487500-\$ or US-54876451-\$ or US-5487691853-\$ or US-5484137-\$ or US-5487691853-\$ or US-48784137-\$ or US-4878443-\$ or US-4919152-\$ or US-4861853-\$ or US-4871447-\$ or US-48649305-\$ or US-4978049-\$ or US-4664305-\$ or US-4787431-\$ or US-5047038-\$ or US-4874487-\$ or US-5047038-\$ or US-5049153-\$ or US-5049152-\$ or US-48749320-\$ or US-48776655-\$ or US-48749391-\$ or US-5047038-\$ or US-4874919320-\$ or US-516702-\$ or US-4874122-\$ or US-4879456-\$ or US-4870458-\$ or US-4879455-\$ or US-4874919391-\$ or US-5047038-\$ or US-4874919391-\$ or US-4879456-\$ or US-4876655-\$ or US-4879456-\$	PGPUB; USPAT; EPO			10:08

		4591086-\$ or US-4550715-\$ or US-4532927-\$ or US-4527726-\$ or US-4527724-\$ or US-4523695-\$ or US-4509518-\$ or US-4506819-\$ or US-4489875-\$ or US-4485953-\$ or US-4485816-\$ or US-4452245-\$ or US-4407286-\$ or US-4838884-\$ or US-4688555-\$ or US-4763669-\$ or US-4634035-\$ or US-4454875-\$ or US-4607638-\$ or US-4624254-\$ or US-4523707-\$ or US-4603693-\$).did. or (US-4523707-\$ or US-4562839-\$ or US-4496090-\$ or US-4526174-\$ or US-4406392-\$ or US-4403693-\$ or US-4321002-\$ or US-4317535-\$ or US-4296751-\$ or US-4261244-\$ or US-4296751-\$ or US-4261244-\$ or US-4207873-\$ or US-4204623-\$ or US-3316468-\$ or US-3314431-\$ or US-4505273-\$ or US-4349028-\$ or US-3643851-\$ or US-3494533-\$ or US-3871379-\$ or US-3837555-\$ or US-3054406-\$ or US-2448741-\$ or US-0389660-\$ or US-0312413-\$).did. or (DE-4204623-\$ or DE-4127227-\$ or DE-3837555-\$ or WO-3054406-\$ or DE-4321002-\$ or DE-4207873-\$).did.				
S39	39	S38 and staple and (clutch or pawl) and (pusher or trigger)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/12/29 10:09
S40	12	(US-3955581-\$ or US-RE28932-\$ or US- 4204623-\$ or US-4391402-\$ or US-5484095-\$ or US-5289963-\$ or US-5312023-\$ or US- 3892228-\$ or US-4728020-\$ or US-5484451-\$ or US-5452836-\$ or US-5547117-\$).did.	USPAT	OR	ON	2009/12/30 15:19
S41	7	S40 and (clutch or pawl)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/12/30 15:38
S42	12	(US-3955581-\$ or US-RE28932-\$ or US- 4204623-\$ or US-4391402-\$ or US-5484095-\$ or US-5289963-\$ or US-5312023-\$ or US- 3892228-\$ or US-4728020-\$ or US-5484451-\$ or US-5452836-\$ or US-5547117-\$).did.	USPAT	OR	ON	2009/12/30 16:57
S43	3	(("7624903") or ("5364002") or ("5289963")).PN.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2010/05/06 15:41
S44	16	227/175.3.ccls. and (tactile or indicator)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/09 21:46
S45	11	606/139.ccls. and stapler and cartridge and anvil and (control same articulate)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/09 21:46
S46	105	"227"/\$ and stapler and ((upper or lower)	US-	OR	ON	2010/07/09

		with jaw) and ((clamp or grip) same tissue) and anvil and cartridge and handle and trigger	PGPUB; USPAT; EPO; JPO			21:47
S47	1657	227/176.1,19,179.1,180.1,181.1,182.1.ccls.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/09 21:47
S48	779	S47 and jaw and cartridge	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/09 21:47
S49	657	S48 and (trigger or handle) and anvil and (sever or cut or knife or blade)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/09 21:47
S50	1	("20090095790").PN.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2010/07/13 14:16
S51	73	((MICHAEL) near2 (WHITMAN)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 14:17
S52	15	((DONALD) near2 (MALINOUSKAS)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 14:18
S53	16	((PETER) near2 (DATCUK)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 14:18
S54	251	((DAVID) near2 (NICHOLAS)).INV.	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 14:19
S55	335	S51 S52 S53 S54	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 14:19
S56	24	S55 and jaw and gear and shaft	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 14:20
S57	12	(US-3955581-\$ or US-RE28932-\$ or US- 4204623-\$ or US-4391402-\$ or US-5484095-\$ or US-5289963-\$ or US-5312023-\$ or US- 3892228-\$ or US-4728020-\$ or US-5484451-\$ or US-5452836-\$ or US-5547117-\$).did.	USPAT	OR	ON	2010/07/13 16:28
S58	391	227/175.1,19,175.2,179.1,180.1.ccls. and (jaw or clamp) and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:33

S59	304	227/175.1,19,175.2,179.1,180.1.cds. and ((jaw or clamp) same (closed or pivot)) and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 16:34
S60	178	227/19.ccls. and ((staples or fastener) with (array or row)) and jaw and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 21:19
S61	242	"227"/\$.ccls. and shaft and effector and (pivot or roatate) and (jaw or anvil) and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 21:30
S62	168	"227"/\$.ccls. and shaft and (effector with (pivot or roatate)) and (jaw or anvil) and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 21:31
S63	165	"227"/\$.ccls. and shaft and (effector with (pivot or roatate)) and (jaw or anvil) and gear and (row or array or cartridge)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/07/13 21:31
S64	215	("2448741" "3079606" "3490675" "3499591" "3593903" "3618842" "3643851" "3662939" "3675688" "3717294" "3735762" "3788303" "3815476" "3819100" "3837555" "3892228" "3949924" "4086926" "4111206" "4169476" "4207873" "4273129" "4331277" "4349028" "4383634" "4429695" "4520817" "4562839" "4566620" "4573468" "4573622" "4580712" "4606343" "4610383" "4633874" "4671445" "4688555" "4714187" "4715520" "4728020" "4754909" "4763669" "4784137" "4819853" "4821942" "4848637" "4880015" "4941623" "4944443" "4955959" "4978049" "5018657" "5040715" "5042707" "5047038" "5071430" "5170925" "Re28932").PN. OR ("5312023").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 21:54
	179	("3079606" "3490675" "4244372" "4429695" "4520817" "4589413" "4605001" "4608981" "4610383" "4633861" "4633874" "4672964" "4763669" "4863088" "4880015" "4892244" "4978049" "4991764" "5040715" "5065929" "5071052" "5074454" "5083695" "5111987" "5129570" "5141144" "5152279" "5209747" "5275608" "5282826" "5307976" "5312023" "5318221" "5326013" "5330502" "5332142" "5376095" "5383888" "5397046" "5415334" "5415335" "5433721" "5465895" "5484451" "5486185"	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 21:55

		"5487500" "5507426" "5535935" "5582617" "5605272" "5630539" "5762255" "5797537" "5820009" "5901895" "6010054" "6032849" "Re34519").PN. OR ("6241139").URPN.				
S66	104	("5605272" "5743456" "5779130" "5797537" "5829662" "5893506" "5901895" "5964394" "6010054" "6202914" "6330965").PN. OR ("6786382").URPN.	US- PGPUB; USPAT; USOCR	OR	ON	2010/07/13 21:56
S67	182	227/19.ccls. and ((staples or fastener) with (array or row)) and jaw and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/28 15:10
S68	7	128/898.ccls. and ((staples or fastener) with (array or row)) and jaw and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/28 15:10
S69	5570	128/898.cds.	US- PGPUB; USPAT; EPO; JPO	OR	ON	2010/08/28 15:10
S70	2	(("20070023477") or ("7241288")).PN.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2010/11/19 16:42
S71	1	("2007002377").PN.	US- PGPUB; USPAT; EPO; JPO	OR	OFF	2010/11/19 16:42
S72	1	("20110240714").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2012/05/05 16:27
S73	545	(US-20060180634-\$ or US-20060175375-\$ or US-20060025816-\$ or US-20060097026-\$ or US-200600060030-\$ or US-200600022014-\$ or US-200600022015-\$ or US-200600022015-\$ or US-200600022015-\$ or US-200600022015-\$ or US-200600022015-\$ or US-20060000868-\$ or US-20050173490-\$ or US-20050178813-\$ or US-20050070958-\$ or US-20050070925-\$ or US-20050067458-\$ or US-20050067459-\$ or US-20050067458-\$ or US-20050067457-\$ or US-20040232196-\$ or US-20040232197-\$ or US-20040232197-\$ or US-20040232197-\$ or US-20040232197-\$ or US-20040232197-\$ or US-20040173659-\$ or US-20090314820-\$ or US-20100151525-\$ or US-20100161399-\$ or US-20100151525-\$ or US-20100143247-\$ or US-20100151525-\$ or US-20100143247-\$ or US-20100133478-\$ or US-20100031114-\$ or US-20100030233-\$ or US-2010007517-\$ or US-20100018890-\$ or US-20100007517-\$ or US-20100018890-\$ or US-20090298807-\$ or US-20090311384-\$ or US-20090298807-\$ or	US- PGPUB; USPAT; EPO	OR	OFF	2012/05/05 17:46

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or US-6849071-\$ or US-6846309-\$ or US-	
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or US-6348061-\$ or US-6335964-\$ or US-	
D451576-\$ or US-6316067-\$ or US-6315184-	
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6197041-\$ or US-6185571-\$ or US-6169913-	
\$).did. or (US-6167036-\$ or US-6153245-\$ or	
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		or US-5431662-\$ or US-5425743-\$ or US-D353457-\$ or US-5334196-\$ or US-5330501-\$).did. or (US-5314424-\$ or US-5224833-\$ or US-5202057-\$ or US-5073356-\$ or US-5068058-\$ or US-5022074-\$ or US-5011670-\$ or US-4988490-\$ or US-4922206-\$ or US-4912701-\$ or US-4904930-\$ or US-4861351-\$ or US-4846851-\$ or US-4836833-\$ or US-4807630-\$ or US-4761167-\$ or US-4748665-\$ or US-4732596-\$ or US-4654047-\$ or US-4522722-\$ or US-4493326-\$ or US-4328810-\$ or US-4257897-\$ or US-4242108-\$ or US-428535-\$ or US-4194179-\$ or US-4185363-\$).did. or (US-4158107-\$ or US-3958084-\$ or US-3947639-\$ or US-3777066-\$ or US-3763433-\$ or US-3720971-\$ or US-3551571-\$ or US-3430725-\$ or US-3372664-\$ or US-3326296-\$ or US-3181639-\$ or US-3892228-\$ or US-5478003-\$ or US-5433721-\$ or US-6786382-\$ or US-6964363-\$ or US-6241139-\$ or US-7241288-\$).did. or (DE-4204623-\$ or DE-4127227-\$ or DE-3837555-\$ or WO-3054406-\$ or DE-4321002-\$ or DE-4207873-\$).did.				
S74	10	S73 and (driver with (first or second)) and (gear with (first or second)) and jaw and shaft	US- PGPUB; USPAT	OR	OFF	2012/05/05 17:48
S75	106	"227"/\$.ccls. and (driver with (first or second)) and (gear with (first or second)) and jaw and shaft	US- PGPUB; USPAT	OR	OFF	2012/05/05 19:14
S76	70	"606"/\$.ccls. and (driver with (first or second)) and (gear with (first or second)) and jaw and shaft	US- PGPUB; USPAT	OR	OFF	2012/05/05 19:15
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S78	8	"606"/170,208.ccls. and (driver with (first or second)) and (gear with (first or second)) and jaw and shaft	US- PGPUB; USPAT	OR	OFF	2012/05/05 19:25
S79	8	"606"/170,208.ccls. and (driver with (first or second)) and (gear with (first or second)) and jaw and shaft	US- PGPUB; USPAT	OR	OFF	2012/07/09 20:56
S80	110	"227"/\$.cds. and (driver with (first or second)) and (gear with (first or second)) and jaw and shaft	US- PGPUB; USPAT	OR	OFF	2012/07/09 20:57
S81	11	128/898.ccls. and ((staples or fastener) with (array or row)) and jaw and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2012/07/09 20:57
S82	241	227/19.ccls. and ((staples or fastener) with (array or row)) and jaw and gear	US- PGPUB; USPAT; EPO; JPO	OR	ON	2012/07/09 20:57
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Application/Control No. 13/369,609	Applicant(s)/Patent under Reexamination SHELTON, FREDERICK E.
Examiner	Art Unit
BRIAN D. NASH	3721

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				Complete if Known			
Substitute for fo	Substitute for form 1449/PTO		Application Number	13/369,609			
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	1	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

	U.S. PATENT DOCUMENTS									
Examiner Cite No.1		Number - Kind Code ² (if known)	Publication Date Name MM-DD-YYYY Applicant of		Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear					
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Examiner	Brian Nash/ (02/25/2013)	Date	
Signature	Dilaii (02/25/2015)	Considered	

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				Complete if Known			
Substitute for for	stitute for form 1449/PTO			Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721		
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	2	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

		Document Number	S. PATENT DO	· · · · · · · · · · · · · · · · · · ·	Pages, Columns, Lines, Where
Examiner Initials*	Cite No. ¹	Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
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				Art Unit	3721		
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash		
Sheet	3	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

		FOREIGN PAT	ENT DOCUM	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
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Substitute for form 1449/PTO				Application Number	13/369,609	
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			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	4	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
		European Examination Report, Application No. 08250100.8, dated February 19, 2009 (4 pages).				
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Signature	/Brian Nasn/ (02/25/2013)	Considered	

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			-	Con	Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
	O / / (E ME ! !) A ! E ! O ! A !			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	5	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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Examiner Initials*	Cite No.1	Document Number Number - Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Examiner		Date	
Signature	Brian Nash/ (02/25/2013)	Considered	

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INF	ORMATION	DISCLOS	JRE	Filing Date	February 9, 2012		
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				Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	6	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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Examiner	/Brian Nash/ (02/25/2013)	Date	
Signature	/Driait Nash/ (02/25/2015)	Considered	, ,

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Substitute for form 1449/PTO	Application Number	
Substitute for form 1440/1 10	Application Number	13/369,609
INFORMATION DISCLOSURE	Filing Date	February 9, 2012
STATEMENT BY APPLICANT	First Named Inventor	Frederick E. Shelton, IV
	Art Unit	3721
(use as many sheets as necessary)	Examiner Name	Brian D. Nash
Sheet 7 of 82	Attorney Docket Number	END5924USCNT2/060339CON2

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Examiner	/Brian Nach/ (00/05/2012)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	8	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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INFO	RMATION DIS	CLOSI	JRE	Filing Date	February 9, 2012	
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				Art Unit	3721	
(use as	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	11	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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ı	Signature	/Dilail Nasii/ (02/25/2015)	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	DRMATION DISC	cLosu	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
Sheet	15	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Cite No.1		Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
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		951,393	03-08-1910	Hahn				
		2,037,727	04-21-1936	La Chapelle				
		2,132,295	10-04-1938	Hawkins	·			
		2,161,632	06-06-1939	Nattenheimer				
		2,211,117	08-13-1940	Hess				
		2,214,870	09-17-1940	West				
		2,441,096	05-04-1948	Happe				
		2,526,902	10-24-1950	Rublee				
		2,674,149	04-06-1954	Benson				
		2.804.848	09-03-1957	O'Farrell et al.				
		2.808,482	10-01-1957	Zanichkowsky et al.				
		2.853,074	09-23-1958	Olson				
		3,032,769	05-08-1962	Palmer				
		3,075,062	01-22-1963	laccarino				
		3,078,465	02-26-1963	Bobrov				
		3,166,072	01-19-1965	Sullivan, Jr.				
		3,266,494	08-16-1966	Brownrigg et al.				
7	†	3,269,630	08-30-1966	Fleischer				
		3,357,296	12-12-1967	Lefever				
	<b></b>	3,490.675	01-20-1970	Green et al.				
	1	3,551,987	01-05-1971	Wilkinson				
		3,598,943	08-10-1971	Barrett				
		3,643,851	02-22-1972	Green et al.				
		3,662,939	05-16-1972	Bryan	-			
	<u> </u>	3,717,294	02-20-1973	Green				
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		3.740.994	06-26-1973	DeCarlo, Jr.				
		3,744,495	07-10-1973	Johnson				
		3,746,002	07-17-1973	Haller				
		3,751,902	08-14-1973	Kingsbury et al.				

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Examiner	/Brian Nach/ (00/05/0010)	Date	
Signature	/Brian Nasn/ (02/25/2013)	Considered	•

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				Complete if Known		
Substitute for form	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as				Examiner Name	Brian D. Nash	
Sheet	21	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		3,819,100	06-25-1974	Noiles et al.			
		3,821,919	07-02-1974	Knohl			
		3,885,491	05-27-1975	Curtis			
		3,892,228	07-01-1975	Mitsui			
		3,894,174	07-08-1975	Cartun			
		3,940,844	03-02-1976	Colby et al.			
		4,060,089	11-29-1977	Noiles			
	i	4,129,059	12-12-1978	Van Eck			
		4,213,562	07-22-1980	Garrett et al.			
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		4,272,662	06-09-1981	Simpson			
	1	4,275,813	06-30-1981	Noiles			
		4,289,133	09-15-1981	Rothfuss	4		
	†	4,305,539	12-15-1981	Korolkov et al.			
		4,317,451	03-02-1982	Cerwin et al.			
		4,321,002	03-23-1982	Froehlich	, '		
		4,331,277	05-25-1982	Green			
· · · · · · · · · · · · · · · · · · ·	<b>!</b>	4,340,331	07-20-1982	Savino	-		
		4,347,450	08-31-1982	Colligan			
		4,349,028	09-14-1982	Green			
		4,353,371	10-12-1982	Cosman			
		4,379,457	04-12-1983	Gravener et al.			
		4,380,312	04-19-1983	Landrus			
	<b></b>	4,383,634	05-17-1983	Green			
		4,396,139	08-02-1983	Hall et al.			
		4,402,445	09-06-1983	Green			
		4,408,692	10-11-1983	Siegel et al.			
		4,415,112	11-15-1983	Green			
		4.428.376	01-31-1984	Mericle			
		4,429,695	02-07-1984	Green			

Examiner	/Brian Nach/ (02/25/2013)	Date	
Signature	/bhan wash/ (02/25/2013)	Considered	

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				Con	Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
	(use as many sheets as necessary)			Art Unit	3721		
(use a				Examiner Name	Brian D. Nash		
Sheet	22	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

	Т	Document Number	S. PATENT DO	1	Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		4,434,796	03-06-1984	Karapetian et al.	:
		4,442,964	04-17-1984	Becht	
		4,451,743	05-29-1984	Suzuki et al.	
		4,454,887	06-19-1984	Krüger	
		4,467,805	08-28-1984	Fukuda	
		4,475,679	10-09-1984	Fleury, Jr.	
		4,485,816	12-04-1984	Krumme	
		4,489,875	12-25-1984	Crawford et al.	
		4,500,024	02-19-1985	DiGiovanni et al.	
		4,505,273	03-19-1985	Braun et al.	
		4,505,414	03-19-1985	Filipi	
,		4.506.671	03-26-1985	Green	
		4,520,817	06-04-1985	Green	
		4,522,327	06-11-1985	Korthoff et al.	
		4,526,174	07-02-1985	Froehlich	
		4,527,724	07-09-1985	Chow et al.	
		4,530,453	07-23-1985	Green	
		4,548,202	10-22-1985	Duncan	
		4,565,189	01-21-1986	Mabuchi	
		4,566,620	01-28-1986	Green et al.	
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		4,591,085	05-27-1986	Di Giovanni	
		4,604,786	08-12-1986	Howie, Jr.	
		4.605.001	08-12-1986	Rothfuss et al.	
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-		4,606,343	08-19-1986	Conta et al.	
		4,607,638	08-26-1986	Crainich	

Examiner	/Brian Nach/ (02/25/2013)	Date	
Signature	/Brian Ivasn/ (02/25/2013)	Considered	

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Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	OTATEMENT BY AT LIGHT			Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	23	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

-	1		S. PATENT DO	T	Pages, Columns, Lines, Where
Examiner Initials*	Cite No. ¹	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		4,608,981	09-02-1986	Rothfuss et al.	
		4,610,250	09-09-1986	Green	
		4,610,383	09-19-1986	Rothfuss et al.	
		4,619,262	10-28-1986	Taylor	
		4,629,107	12-16-1986	Fedotov et al.	
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		4,665,916	05-19-1987	Green	
	l	4,667,674	05-26-1987	Korthoff et al.	
		4,671,445	06-09-1987	Barker et al.	
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· · · · · · · · · · · · · · · · · · ·		4,693,248	09-15-1987	Failla	
		4,709,120	11-24-1987	Pearson	
		4,715,520	12-29-1987	Roehr, Jr. et al.	
		4,719,917	01-19-1988	Barrows et al.	
		4,728,020	03-01-1988	Green et al.	
	<u> </u>	4,728,876	03-01-1988	Mongeon et al.	
		4,729,260	03-08-1988	Dudden	
		4,741,336	05-03-1988	Failla et al.	
		4,752,024	06-21-1988	Green et al.	
		4,754,909	07-05-1988	Barker et al.	
		4,767,044	08-30-1988	Green	
	<b>—</b>	4,777,780	10-18-1988	Holzwarth	
	<u> </u>	4,787,387	11-29-1988	Burbank, III et al.	
-	<b></b>	4,790,225	12-13-1988	Moody et al.	
		4,805,617	02-21-1989	Bedi et al.	

Examiner	(Brian Nach/ (02/25/2012)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	DRMATION I	DISCLOSE	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	24	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	,		S. PATENT DO	70III EI I I I	Desar Calumna Lines William
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		4,805,823	02-21-1989	Rothfuss	
		4,809,695	03-07-1989	Gwathmey et al.	
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		4,819,853	04-11-1989	Green	
		4,821,939	04-18-1989	Green	
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		4,880,015	11-14-1989	Nierman	
		4,890,613	01-02-1990	Golden et al.	
	<u> </u>	4,892,244	01-09-1990	Fox et al.	
	T	4,915,100	04-10-1990	Green	
		4.930,503	06-05-1990	Pruitt	
		4,932,960	06-12-1990	Green et al.	
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		4,955,959	09-11-1990	Tompkins et al.	
		4,978,049	12-18-1990	Green	
		4.986,808	01-22-1991	Broadwin et al.	
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	1	5,009,661	04-23-1991	Michelson	
		5,014,899	05-14-1991	Presty et al.	
	† ·	5,015,227	05-14-1991	Broadwin et al.	-
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		5,031,814	07-16-1991	Tompkins et al.	
		5,040,715	08-20-1991	Green et al.	
		5,042,707	08-27-1991	Taheri	
	<b>†</b>	5,061,269	10-29-1991	Muller	

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Г	Examiner	/Brian Nach/ (02/25/2013)	Date	
ı	Signature	/Dilail Nasii/ (02/23/2013)	Considered	

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
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				Art Unit	3721	
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Sheet	25	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

			S. PATENT DO	CUMENTS	<u> </u>
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		5,065,929	11-19-1991	Schulze et al.	
		5,071,052	12-10-1991	Rodak et al.	
	1	5,071,430	12-10-1991	de Salis et al.	
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	-	5,137,198	08-11-1992	Nobis et al.	
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	<b>!</b>	5,141,144	08-25-1992	Foslien et al.	
	l	5,156,315	10-20-1992	Green et al.	
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	<u> </u>	5,163,598	11-17-1992	Peters et al.	
		5,171,247	12-15-1992	Hughett et al.	
	<u> </u>	5.171.249	12-15-1992	Stefanchik et al.	
		5,188,111	02-23-1993	Yates et al.	
		5,190,517	03-02-1993	Zieve et al.	
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		5,197,648	03-30-1993	Gingold	
		5,200,280	04-06-1993	Karasa	

Examiner	/Brian Nach/ (02/25/2012)	Date	
Signature	/Dilail Nasii/ (02/25/2013)	Considered	

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		1		Con	Complete if Known		
Substitute for form 1449/PTO		Application Number	13/369,609				
INF	ORMATION	DISCLOSI	JRE	Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721		
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash		
Sheet	26	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

	т		S. PATENT DO	O INI E IN I O	1 = 2 :
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		5,205,459	04-27-1993	Brinkerhoff et al.	
		5,207,697	05-04-1993	Carusillo et al.	
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Examiner	(D: N 1/(00/05/00/0)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
		,		Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	27	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		U.:	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,275,323	01-04-1994	Schulze et al.	
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		5,281,216	01-25-1994	Klicek	
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		5,314,424	05-24-1994	Nicholas	
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	· · · · · ·	5,333,772	08-02-1994	Rothfuss et al.	
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		5,350,400	09-27-1994	Esposito et al.	
		5,352,235	10-04-1994	Koros et al.	
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		5,354,303	10-11-1994	Spaeth et al.	
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	T	5,358,510	10-25-1994	Luscombe et al.	

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I	Examiner	/Brian Nach/ (02/25/2013)	Date	
١	Signature	/bnan Nash/ (02/25/2013)	Considered	

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Substitute for for				Application Number	13/369,609		
INFO				Filing Date	February 9, 2012		
	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
				Art Unit	3721		
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	28	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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	<u> </u>	5,359,231	10-25-1994	Flowers et al.				
		5,360,428	11-01-1994	Hutchinson, Jr.				
		5,364,003	11-15-1994	Williamson, IV				
		5,366,134	11-22-1994	Green et al.				
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		5.374,277	12-20-1994	Hassler				
		5,379,933	01-10-1995	Green et al.				
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		5.382.247	01-17-1995	Cimino et al.				
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	1.	5,395,312	03-07-1995	Desai				
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Examiner	/Brian Nach/ (02/25/2013)	Date	
Signature	/Dilati Nasii/ (02/25/2013)	Considered	

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Substitute for fo				Application Number	13/369,609	
INF				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	29	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		5,413,267	05-09-1995	Solyntjes et al.			
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		5,454,827	10-03-1995	Aust et al.			
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		5,458,579	10-17-1995	Chodorow et al.			
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	<del>                                     </del>	5,465,894	11-14-1995	Clark et al.			

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I	Examiner	/Brian Nash/ (02/25/2013)	Date	
ı	Signature	/Brian Nash/ (02/25/2013)	Considered	

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		5,465,896	11-14-1995	Allen et al.				
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	l	5,503,320	04-02-1996	Webster et al.				

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		5.503.638	04-02-1996	Cooper et al.	-			
	1	5,505,363	04-09-1996	Green et al.				
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	T	5,509,596	04-23-1996	Green et al.				
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		5,514,157	05-07-1996	Nicholas et al.				
		5,518,163	05-21-1996	Hooven				
	1	5,518,164	05-21-1996	Hooven				
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		5,520,700	05-28-1996	Beyar et al.				
		5,522,817	06-04-1996	Sander et al.				
		5,527,320	06-18-1996	Carruthers et al.				
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		5,531,744	07-02-1996	Nardella et al.				
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		5,535,935	07-16-1996	Vidal et al.				
		5,535,937	07-16-1996	Boiarski et al.				
		5,540,375	07-30-1996	Bolanos et al.				
		5,541,376	07-30-1996	Ladtkow et al.				
		5,542,594	08-06-1996	McKean et al.				
		5,543,119	08-06-1996	Sutter et al.				
		5,547,117	08-20-1996	Hamblin et al.				
		5,549,621	08-27-1996	Bessler et al.				
		5,549,628	08-27-1996	Cooper et al.				
		5,549,637	08-27-1996	Crainich				

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E	xaminer	(Prion Nach/ (02/25/2012)		Date	•
18	Signature	/Brian Nash/ (02/25/2013)	*	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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				Complete if Known		
Substitute for fo	rm 1449/PTO			Application Number	13/369,609	
INFO	INFORMATION DISCLOSURE			Filing Date	February 9, 2012	
	TEMENT BY AF			First Named Inventor	Frederick E. Shelton, IV	
		_		Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	32	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		5,553,675	09-10-1996	Pitzen et al.		
		5,553,765	09-10-1996	Knodel et al.		
		5,554,169	09-10-1996	Green et al.		
		5,556,416	09-17-1996	Clark et al.		
		5,558,665	09-24-1996	Kieturakis		
		5,558,671	09-24-1996	Yates		
		5,560,530	10-01-1996	Bolanos et al.		
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•		5,562,239	10-08-1996	Boiarski et al.		
,		5,562,241	10-08-1996	Knodel et al.		
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		5,562,701	10-08-1996	Huitema et al.	` .	
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	T	5,569,161	10-29-1996	Ebling et al.		
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		5,571,090	11-05-1996	Sherts		
		5,571,100	11-05-1996	Goble et al.		
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		5,573,543	11-12-1996	Akopov et al.		
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		5.575.789	11-19-1996	Bell et al.		
		5,575,799	11-19-1996	Bolanos et al.		
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		5,584,425	12-17-1996	Savage et al.		
	†	5,586,711	12-24-1996	Plyley et al.		

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Examiner	/Brian Nash/ (02/25/2013)	Date	1
Signature	/Brian Nash/ (02/25/2013)	Considered	ı

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INF	ORMATION	DISCLOS	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	33	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		U.\$	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		5,588,579	12-31-1996	Schnut et al.	
		5,588,580	12-31-1996	Paul et al.	
		5,588,581	12-31-1996	Conlon et al.	
		5,591,170	01-07-1997	Spievack et al.	
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		5,597,107	01-28-1997	Knodel et al.	
		5,599,151	02-04-1997	Daum et al.	
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		5,601,224	02-11-1997	Bishop et al.	
		5,603,443	02-18-1997	Clark et al.	
		5,605,272	02-25-1997	Witt et al.	
		5,605,273	02-25-1997	Hamblin et al.	
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		5,609,285	03-11-1997	Grant et al.	
		5,611,709	03-18-1997	McAnuity	
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	l	5,628,743	05-13-1997	Cimino	
		5,630,539	05-20-1997	Plyley et al.	
****		5,630,540	05-20-1997	Blewett	
		5,630,782	05-20-1997	Adair	

Examiner	/Rrian Nach/ (02/25/2013)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	DRMATION I	DISCLOSU	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
·				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	34	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS  Pages Columns Lines Where							
Examiner Initials*	Cite No. ¹	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		5,632,432	05-27-1997	Schulze et al.			
,		5,632,433	05-27-1997	Grant et al.			
		5,634,584	06-03-1997	Okorocha et al.			
		5,636,779	06-10-1997	Palmer			
	1	5,636,780	06-10-1997	Green et al.			
		5,639,008	06-17-1997	Gallagher et al.			
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		5,658,281	08-19-1997	Heard			
	l	5,658,300	08-19-1997	Bito et al.			
	<b> </b>	5,662,258	09-02-1997	Knodel et al.			
		5,662,260	09-02-1997	Yoon			
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		5.667,526	09-16-1997	Levin			
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		5,669,544	09-23-1997	Schulze et al.			
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Examiner	/Brian Nach/ (02/25/2013)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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	,			Complete if Known			
Substitute for form 1449/PTO				Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
OTAL EMERT DIVILIE				Art Unit	3721		
(use a	s many shee	ets as neces	ssary)	Examiner Name	Brian D. Nash		
Sheet	35	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

		U.S	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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		5,695,504	12-09-1997	Gifford, III et al.	-
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		5,706,997	01-13-1998	Green et al.	
	<b>†</b>	5,706,998	01-13-1998	Plyley et al.	
	<b> </b>	5,707,392	01-13-1998	Kortenbach	
	<b></b>	5,709.334	01-20-1998	Sorrentino et al.	
		5,711,472	01-27-1998	Bryan	
		5,713,128	02-03-1998	Schrenk et al.	
		5,713,505	02-03-1998	Huitema	
	<b>-</b>	5,713,895	02-03-1998	Lontine et al.	
	<del> </del>	5.713.896	02-03-1998	Nardella	
	<del> </del>	5,715,987	02-10-1998	Kelley et al.	1 .

Examiner	/Brian Nach/ (02/25/2012)	Date		
Signature	/Brian Nash/ (02/25/2013)	Considered	•	- 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)  Filing Date Filing Date Filing Date First Named Inventor Art Unit 3721  Examiner Name Brian D. Nash					Complete if Known		
STATEMENT BY APPLICANT  (use as many sheets as necessary)  First Named Inventor Frederick E. Shelton, I's 3721  Examiner Name Brian D. Nash	Substitute for form 1449/PTO				Application Number	13/369,609	
STATEMENT BY APPLICANT  (use as many sheets as necessary)  First Named Inventor Frederick E. Shelton, I' 3721  Examiner Name Brian D. Nash	INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
(use as many sheets as necessary)  Art Unit 3721  Examiner Name Brian D. Nash					First Named Inventor	Frederick E. Shelton, IV	
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Sheet 36 of 82 Attorney Docket Number END5924USCNT2/0603390	(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
31661 30 101 02 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Sheet	36	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		5,715,988	02-10-1998	Palmer			
		5,716,366	02-10-1998	Yates			
		5,718,359	02-17-1998	Palmer et al.			
		5,718,360	02-17-1998	Green et al.			
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		5,735,848	04-07-1998	Yates et al.			
		5,735,874	04-07-1998	Measamer et al.			
		5,738,474	04-14-1998	Blewett			
		5,738,648	04-14-1998	Lands et al.			
		5,743,456	04-28-1998	Jones et al.			
		5,747,953	05-05-1998	Philipp			
		5,749,889	05-12-1998	Bacich et al.			
		5,749,893	05-12-1998	Vidal et al.			
	<b>.</b>	5.752.644	05-19-1998	Bolanos et al.			
		5,752,965	05-19-1998	Francis et al.			
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	<del>                                     </del>	5,758,814	06-02-1998	Gallagher et al.			
	<u> </u>	5,762,255	06-09-1998	Chrisman et al.			
	<b>—</b>	5.762.256	06-09-1998	Mastri et al.			
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		5,766,205	06-16-1998	Zvenyatsky et al.			
		5,769,892	06-23-1998	Kingwell			
		5,772,379	06-30-1998	Evensen			

Examiner	/Prion Monty (00/05/0010)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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			Complete if Known		
Substitute for form 1449/PTO		Application Number	13/369,609		
INFORMATION DISCLOSURE			Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV		
			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet 37	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
		5,772,578	06-30-1998	Heimberger et al.			
		5,772,659	06-30-1998	Becker et al.			
	1	5,776,130	07-07-1998	Buysse et al.			
		5,779,130	07-14-1998	Alesi et al.			
		5,779,131	07-14-1998	Knodel et al.			
		5,779,132	07-14-1998	Knodel et al.	1.		
		5,782,396	07-21-1998	Mastri et al.			
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		5,782,749	07-21-1998	Riza			
		5,782,859	07-21-1998	Nicholas et al.			
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	1	5,794,834	08-18-1998	Hamblin et al.			
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	·	5,797,536	08-25-1998	Smith et al.			
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		5,814,057	09-29-1998	Oi et al.			
		5,817,091	10-06-1998	Nardella et al.	-		

Examiner	/Drian Neah / (00/05/0010)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Complete if Known		
Substitute for forr	ubstitute for form 1449/PTO			Application Number	13/369,609	
INFO	RMATION DISC	LOSI	JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	38	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
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		5,817,119	10-06-1998	Klieman et al.					
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		5,829,662	11-03-1998	Allen et al.					
	1	5,833,690	11-10-1998	Yates et al.					
		5.833,695	11-10-1998	Yoon					
	· ·	5,833,696	11-10-1998	Whitfield et al.					
	<u> </u>	5.836,503	11-17-1998	Ehrenfels et al.					
	T	5.836,960	11-17-1998	Kolesa et al.					
		5,839,639	11-24-1998	Sauer et al.					
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		5.846.254	12-08-1998	Schulze et al.					
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		5.855.311	01-05-1999	Hamblin et al.					
		5,855,583	01-05-1999	Wang et al.					
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		5,878,937	03-09-1999	Green et al.					
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		5,891,160	04-06-1999	Williamson, IV et al.					
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Examiner	/Dulana Nanah / /00/05/0040)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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2				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT  (use as many sheets as necessary)			First Named Inventor	Frederick E. Shelton, IV	
-				Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
Sheet	39	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		U.:	S. PATENT DO	CUMENTS	
Examiner Initials*	er Cite Document Number No.1 Number - Kind Code² (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
·		5,899,914	05-04-1999	Zirps et al.	
		5,901,895	05-11-1999	Heaton et al.	
		5,902,312	05-11-1999	Frater et al.	
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	· · · · · ·	5,928,256	07-27-1999	Riza	
		5,931,847	08-03-1999	Bittner et al.	
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Examiner	/Drian Niggh / (00/05/0010)	Date	
Signature	//Brian Nash/ (02/25/2013)	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance EAMINIST. Initial II reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation in not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Complete if Known		
Substitute for for	ubstitute for form 1449/PTO		Application Number	13/369,609		
INFORMATION DISCLOSURE			RF	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
0.71	, ,		••	Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	40	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		U.S	S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		6,017,322	01-25-2000	Snoke et al.	-
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		6,022,352	02-08-2000	Vandewalle	
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		6,027,501	02-22-2000	Goble et al.	
		6,032,849	03-07-2000	Mastri et al.	
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		6,068,627	05-30-2000	Orszulak et al.	
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		6.083,234	07-04-2000	Nicholas et al.	
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	<b> </b>	6.086.600	07-11-2000	Kortenbach	
	<b> </b>	6,090,106	07-18-2000	Goble et al.	
	<u> </u>	6,093,186	07-25-2000	Goble	

Examiner	(Brian Nach/ (02/25/2013)	Date	
Signature	/Brian Nasii/ (02/25/2013)	Considered	

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	Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Complete if Known		
Substitute for fo				Application Number	13/369,609	
INF				Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
•				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	41	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		6,099,537	08-08-2000	Sugai et al.		
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	<b>T</b>	6,131,789	10-17-2000	Schulze et al.		
	<u> </u>	6,139,546	10-31-2000	Koenig et al.	-	
		6,155,473	12-05-2000	Tompkins et al.		
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		6,159,146	12-12-2000	El Gazayerli		
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	1	6,174,308 B1	01-16-2001	Goble et al.		
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	T	6,214,028 B1	04-10-2001	Yoon et al.		
	T	6.220,368 B1	04-24-2001	Ark et al.		

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Γ	Examiner	/Duine Neel / (00/05/0040)	Date	
1	Signature	/Brian Nash/ (02/25/2013)	Considered	

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	Substitute for form 1449/PTO			Complete if Known		
Substitute for fo				Application Number	13/369,609	
INFORMATION DISCLOSURE			IRF	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
• • • • • • • • • • • • • • • • • • • •				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	42	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Examiner	/Prion Noch/ (00/05/0010)	Date	
Signature	/Brian Nasn/ (02/25/2013)	Considered	

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				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	43	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner	/Brian Nach/ (00/05/0013)	Date
Signature	/Brian Nasn/ (02/25/2013)	Considered

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012		
				First Named Inventor	Frederick E. Shelton, IV		
				Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	44	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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Examiner	/Drian Nech/ (00/05/0010)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
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	,		Art Unit	3721		
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Sheet	45	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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		6.953,138 B1	10-11-2005	Dworak et al.			

Examiner	(Duine Neels / (00/05/0040)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Complete if Known		
Substitute for for	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	OTATEMENT DI ATTEMANT			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	48	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
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Signature	/Brian Nash/ (02/25/2013)	Considered	

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Substitute for fo				Application Number	13/369,609	
INFORMATION DISCLOSURE			JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
	OTATEMENT DI AITEIOAN		Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	49	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Examiner	(Dulan Nach / /00/05/0040)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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Substitute for form	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	50	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS						
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Examiner	/Prion Neph/ (00/05/0010)	Date	
Signature	/Brian Nasn/ (02/25/2013)	Considered	

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INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
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		Art Unit	3721			
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	51	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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Examiner	/Dylan Nach/ (00/05/0010)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	·

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	(use as many sheets as necessary)			Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
Sheet	52	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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-	<del> </del>	7.351.258 B2	04-01-2008	Ricotta et al.	-			

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Examiner	/Dulana Ninala / /00/05/0040)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Con	Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012		
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV		
	01/11 211/211 21 / 11 21 2/11			Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	53	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Examiner	/Drian Nach/ (00/05/0010)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	54	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
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Examiner	(Brian Nach/ (02/25/2013)	Date	
Signature	/Brian Nasn/ (02/25/2013)	Considered	· ·

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	DRMATION DIS	CLOSU	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	55	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear			
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Examiner	/D : N: 1 / /00/05/00/00	Date	
Signature	I/Brian Nash/ (02/25/2013)	Considered	·
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Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE			JRE	Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
_				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	56	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Examiner	D: 1: 1/44/48/48/48	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	57	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		Document Number	S. PATENT DO		Doggo Columna Lines 18/1-
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner		Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	· ·

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				Con	Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			JRE	Filing Date	February 9, 2012		
				First Named Inventor	Frederick E. Shelton, IV		
			1	Art Unit	3721		
(use as many sheets as necessary)		Examiner Name	Brian D. Nash				
Sheet	58	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Document Number  Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear		
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Signature	/bliali Nasii/ (02/25/2013)	Considered	

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STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	017(12m2(11 )1 7(11 1107(11)			Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	59	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

U.S. PATENT DOCUMENTS							
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Signature	/Brian Nasii/ (02/25/2013)	Considered	

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INFO	DRMATION DISC	CLOSU	IRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
	017(1 EINE)(1 B1 7(1 1 E107())			Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	60	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
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				Art Unit	3721	
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Sheet	62	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	IENTS		
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Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT (use as many sheets as necessary)			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a				Examiner Name	Brian D. Nash	
Sheet	63	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	FOREIGN PATENT DOCUMENTS							
Examiner Cite No.1		Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	ť		
		EP 0129442 B1	11-25-1987	Bedi et al.		T		
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l Examiner	(D.) At 1./(00/05/0040)	l Date	'
	L/Brian Nach/702/26/2013\		
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	W. 1814			Complete if Known		
Substitute for fo	rm 1449/PTO			Application Number	13/369,609	
INF	ORMATION DISC	CLOSE	JRE	Filing Date	February 9, 2012	
	TEMENT BY AP			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	64	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	IENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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		EP 0600182 A2	06-08-1994	Green et al.		
		EP 0603472 B1	11-25-1998	Green et al.		T
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Examiner Signature	/Brian Nash/ (02/25/2013)	Date Considered	
	( mileti i teetii ( omi mei me i e)	Considered	'

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				Complete if Known		
Substitute for form	Substitute for form 1449/PTO			Application Number	13/369,609	
INFO	RMATION DISC	LOSI	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
• • • • • • • • • • • • • • • • • • • •				Art Unit	3721	
(use as	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	65	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	MENTS		
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, , , , ,		EP 0717966 B1	04-09-2003	Goble et al.		T
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Examiner	/Brian Mach/ (02/25/2013)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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Signature	/Brian Nash/ (02/25/2013)	Considered	

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Exar	niner	/Brian Nach/ /02/25/2012\	Date	
Sign	ature	[/Dilail Nasil/(UZ/ZS/ZU13)	Considered	

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Substitute for fo	Substitute for form 1449/PTO			Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
	STATEMENT BY APPLICANT			First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	68	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T				
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Examiner	/Prion Mach/ (02/25/2013)	Date	
Signature	phan Nashi (UZIZSIZUTS)	Considered	

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				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	69	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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0!	/Brian Nash/ (02/25/2013)	Considered	

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE			JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	70	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	MENTS	*	
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Signature	, , , , , , , , , , , , , , , , , , , ,	Considered	

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INFORMATION DISCLOSURE			RE	Filing Date	February 9, 2012	
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				Art Unit	3721	
(use a	(use as many sheets as necessary)		Examiner Name	Brian D. Nash		
Sheet	71	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner	/Brian Nash/ (02/25/2013)	Date	
Signature	/Brian Nasn/ (02/25/2013)	Considered	1

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE			IRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT		First Named Inventor	Frederick E. Shelton, IV			
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	73	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> ).	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	74	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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Signature	/Brian Nash/ (02/25/2013)	Considered	

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INFOR	RMATION DISC	Losi	JRE	Filing Date	February 9, 2012	
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				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	75	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	MENTS		
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Sheet	76	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	TENTS		
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Signature	//Brian Nash/ (02/25/2013)	Considered	

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Sheet 77	7 of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

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	<u> </u>	WO 93/13718 A1	07-22-1993	Klicek		T
	<u> </u>	WO 93/14690 A1	08-05-1993	Hart		T
		WO 93/15648 A1	08-19-1993	Wilk et al.		$\top$
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Examiner	(Brian Mach/ (00/05/0010)	Date	
Signature	I/Brian Nash/ (02/25/2013)	Considered	
Signature	1	Considered	

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			IRE	Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	78	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	MENTS		
Examiner Cite Initials* No.1		Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		WO 94/00060 A1	01-06-1994	Klicek		П
		WO 94/11057 A1	05-26-1994	Avitall		П
		WO 94/12108 A1	06-09-1994	Broadwin et al.		Π
		WO 94/18893 A1	09-01-1994	Fitton et al.		Τ
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		WO 94/23659 A1	10-27-1994	Klicek et al.		Т
		WO 95/02369 A1	01-26-1995	Goble		I
		WO 95/03743 A1	02-09-1995	Klicek et al.		Г
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		WO 96/04858 A1	02-22-1996	Taylor		Т
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		WO 96/21119 A1	07-11-1996	Page et al.		Τ
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Examiner	(Prion Mach/ (00/05/0012)	Date
Signature	(02/25/2013)	Considered

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Substitute for for	Substitute for form 1449/PTO		Application Number	13/369,609		
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)		Examiner Name	Brian D. Nash			
Sheet	79	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		FOREIGN PAT	ENT DOCUM	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		WO 96/27337 A1	09-12-1996	Platt et al.		
		WO 96/31155 A1	10-10-1996	Guthrie et al.		Т
		WO 96/35464 A1	11-14-1996	Perkins		Т
		WO 96/39085 A1	12-12-1996	Eggleston et al.		T
		WO 96/39086 A1	12-12-1996	Bell et al.		T
		WO 96/39087 A1	12-12-1996	Bek		
		WO 96/39088 A1	12-12-1996	Klicek et al.		T
		WO 96/39089 A1	12-12-1996	Paterson		1
		WO 97/00646 A1	01-09-1997	Goble et al.		T
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		WO 99/12483 A1	03-18-1999	Hipps		T

Examiner		Date	
Signature	Brian Nash/ (02/25/2013)	Considered	*

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Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE				Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use a	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	80	of	82	Attorney Docket Number END5924USCNT2/06		

		FOREIGN PAT	ENT DOCUM	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code ³ -Number ⁴ -Kind Code ⁵ ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	۲
		WO 99/12487 A1	03-18-1999	Ryan		
		WO 99/12488 A1	03-18-1999	Chandler et al.		
		WO 99/15086 A1	04-01-1999	Milliman et al.		Т
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		WO 99/45849 A1	09-16-1999	Gabbay		T
		WO 99/48430 A1	09-30-1999	Goble et al.		T
		WO 99/51158 A1	10-14-1999	Goddard et al.		T
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				Art Unit	3721	
(use as	(use as many sheets as necessary)			Examiner Name	Brian D. Nash	
Sheet	81	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

		NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Disclosed Anonymously, "Motor-Driven Surgical Stapler Improvements," Research Disclosure Database Number 526041, Published: February 2008.	
		C.C. Thompson et al., "Peroral Endoscopic Reduction of Dilated Gastrojejunal Anastomosis After Roux-en-Y Gastric Bypass: A Possible New Option for Patients with Weight Regain," Surg Endosc (2006) Vol. 20, pp. 1744-1748.	
		B.R. Coolman, DVM, MS et al., "Comparison of Skin Staples With Sutures for Anastomosis of the Small Intestine in Dogs," Abstract; http://www.blackwell-synergy.com/doi/abs/10.1053/jvet.2000.7539?cookieSet=1&journalCode=vsu which redirects to http://www3.interscience.wiley.com/journal/119040681/abstract?CRETRY=1&SRETRY=0; [online] accessed: September 22, 2008 (2 pages).	
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		Datasheet for Panasonic TK Relays Ultra Low Profile 2 A Polarized Relay, Copyright Matsushita Electric Works, Ltd. (Known of at least as early as August 17, 2010), 5 pages.	
		ASTM procedure D2240-00, "Standard Test Method for Rubber Property-Durometer Hardness," (Published August 2000).	
		ASTM procedure D2240-05, "Standard Test Method for Rubber Property-Durometer Hardness," (Published April 2010).	
w		United States Patent Application No. 12/031,542, filed February 14, 2008. (Attorney Docket No. END6267USNP/070389)	

Examiner Signature	/Brian Nash/ (02/25/2013)	Date Considered	

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Sheet	82	of	82	Attorney Docket Number	END5924USCNT2/060339CON2		

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Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		United States Patent Application No.12/031,556, filed February 14, 2008. (Attorney Docket No. END6268USNP/070390)	
		nited States Patent Application No. 12/031,573, filed February 14, 2008. Attorney Docket No. END6270USNP/070392)	
		U.S. Patent Application No. 13/310,107, filed December 2, 2011. (Attorney Docket No. END5773USDIV1/050698DIV1)	
		U.S. Patent Application No. 13/369,629, filed February 9, 2012. (Attorney Docket No. END5675USCNT3/050504CON3)	
		U.S. Patent Application No. 13/486,175, filed June 1, 2012. (Attorney Docket No. END6413USCNT1/080202CON1)	

	<u> </u>		
Examiner	(Prion Moch/ (00/05/2012)	Date	
Signature	/Brian Nash/ (UZ/25/2013)	Considered	

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PTOL-85 (Rev. 02/11) Approved for use through 08/31/2013.

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- Act (42 U.S.C. 218(c)).

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Electronic Paten	Electronic Patent Application Fee Transmittal				
Application Number:	13:	369609			
Filing Date:	09-	-Feb-2012			
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SU TOOL TO A ROBOT			LATABLE SURGICAL	
First Named Inventor/Applicant Name: Frederick E. Shelton					
Filer: Dean L. Garner/Kimberly Moses					
Attorney Docket Number: END5924USCNT2/060339CON2					
Filed as Large Entity					
Utility under 35 USC 111(a) Filing Fees					
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:					
Pages:					
Claims:					
Miscellaneous-Filing:					
Petition:					
Patent-Appeals-and-Interference:					
Post-Allowance-and-Post-Issuance:					
Utility Appl Issue Fee		1501	1	1780	1780
Publ. Fee- Early, Voluntary, or Normal		1504	1	300	300

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
	Tot	al in USD	(\$)	2080

Electronic Acl	Electronic Acknowledgement Receipt				
EFS ID:	15951196				
Application Number:	13369609				
International Application Number:					
Confirmation Number:	9149				
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT				
First Named Inventor/Applicant Name:	Frederick E. Shelton				
Customer Number:	92223				
Filer:	Dean L. Garner/Kimberly Moses				
Filer Authorized By:	Dean L. Garner				
Attorney Docket Number:	END5924USCNT2/060339CON2				
Receipt Date:	05-JUN-2013				
Filing Date:	09-FEB-2012				
Time Stamp:	08:13:56				
Application Type:	Utility under 35 USC 111(a)				

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2	Tee worksheet (3500)	'	749e668eb3a66be192ad809c04fc9c8fbc6ff 3de	110	2
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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	DRMATION DISC	CLOSU	IRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	60	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

	U.S. PATENT DOCUMENTS						
	Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
			8,157,153 B2	04-17-2012	Shelton, IV et al.		
			8,161,977 B2	04-24-2012	Shelton, IV et al.		
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Examiner	/Drian Nach/ (00/05/0010)	Date	
Signature	/Brian Nash/ (02/25/2013)	Considered	

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFO	ORMATION D	DISCLOSU	JRE	Filing Date	February 9, 2012	
STATEMENT BY APPLICANT				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	19	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

			U.	J.S. PATENT DOCUMENTS		
	Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
			2012/0239012 A1	09-20-2012	Laurent et al.	
			2012/0239075 A1	09-20-2012	Widenhouse et al.	
			2012/0239082 A1	09-20-2012	Shelton, IV et al.	
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			2012/0241493 A1	09-27-2012	Baxter, III et al.	
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		-	2012/0241505 A1	09-27-2012	Alexander, III et al.	
			2012/0248169 A1	09-27-2012	Widenhouse et al.	
CL = C	1. 1		2012/0253298 A1	0/409-27-2012	Henderson et al.	
Change(s) a	ppilea		2012/0265230 A1	10-18-2012	Yates et al.	
to documen			2012/0273551 A1	11-01-2012	Shelton, IV et al.	
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4/8/2013			2012/0292370 A1	11-22-2012	Hess et al.	
			2013/0012931 A1	01-10-2013	Spivey et al.	
			2013/0012957 A1	01-10-2013	Shelton, IV et al.	
			2013/0020376 A1	01-24-2013	Shelton, IV et al.	
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			2013/0026208 A1	01-31-2013	Shelton, IV et al.	
			2013/0026210 A1	01-31-2013	Shelton, IV et al.	
			2013/0041371 A1	02-14-2013	Yates et al.	
			66,052	06-25-1867	Smith	

Examiner	/Brian Nach/ (02/25/2012)	Date	
Signature	/pnan wash/ (02/25/2013)	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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				Complete if Known		
Substitute for form 1449/PTO				Application Number	13/369,609	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	February 9, 2012	
				First Named Inventor	Frederick E. Shelton, IV	
				Art Unit	3721	
(use as many sheets as necessary)			ssary)	Examiner Name	Brian D. Nash	
Sheet	18	of	82	Attorney Docket Number	END5924USCNT2/060339CON2	

•	U.S. PATENT DOCUMENTS						
	Examiner Initials*	Cite No.1	Document Number  Number - Kind Code ² ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
			2012/0083833 A1	04-05-2012	Shelton, IV et al.		
		·	2012/0083834 A1	04-05-2012	Shelton, IV et al.		
			2012/0083835 A1	04-05-2012	Shelton, IV et al.		
			2012/0083836 A1	04-05-2012	Shelton, IV et al.		
			2012/0132450 A1	05-31-2012	Timm et al.		
			2012/0138660 A1	06-07-2012	Shelton, IV		
			2012/0160721 A1	06-28-2012	Shelton, IV et al.	·	
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	,		2012/0199631 A1	08-09-2012	Shelton, IV et al.		
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*			2012/0199633 A1	08-09-2012	Shelton, IV et al.		
4/8/2013			2012/0203247 A1	08-09-2012	Shelton, IV et al.		
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			2012/0239010 A1	09-20-2012	Shelton, IV et al.		

Examiner	/Brian Nach/ (00/05/0012)	Date	
Signature	/Dilail Nasii/ (02/25/2015)	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/122 (11-08)

Approved for use through 11/30/2011. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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# **CHANGE OF CORRESPONDENCE ADDRESS Application**

Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Application Number	13/369,609
Filing Date	February 9, 2012
First Named Inventor	Frederick E. Shelton, IV
Art Unit	3721
Examiner Name	Brian D. Nash
Attorney Docket Number	END5924USCNT2/060339CON2

Please change the Correspondence Address for the above	e-identified patent applicati	on to:
The address associated with Customer Number:		
OR		
Firm or Individual Name Johnson & Johnson		
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City New Brunswick	State NJ	Zip ₀₈₉₃₃₋₇₀₀₃
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I am the:		
Applicant/Inventor		
Assignee of record of the entire interest. Statement under 37 CFR 3.73(b) is enclose	d. (Form PTO/SB/96).	
Attorney or agent of record. Registration Nu	mber <u>34,324</u>	<del></del> •
Registered practitioner named in the applica executed each or declaration. See 37 CFR 1		
Signature Sumua Signature	Am	
Typed or Printed Thomas J. Edgington	)	
Date June 19, 2013	Telephone (412) 355-8303	
NOTE: Signatures of all the inventors or assignees of record of the entire interest forms if more than one signature is required, see below*.	or their representative(s) are requi	red. Submit multiple
*Total offorms are submitted.		

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Electronic Acknowledgement Receipt				
EFS ID:	16081278			
Application Number:	13369609			
International Application Number:				
Confirmation Number:	9149			
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT			
First Named Inventor/Applicant Name:	Frederick E. Shelton			
Customer Number:	92223			
Filer:	Thomas J. Edgington/Theresa Merante			
Filer Authorized By:	Thomas J. Edgington			
Attorney Docket Number:	END5924USCNT2/060339CON2			
Receipt Date:	19-JUN-2013			
Filing Date:	09-FEB-2012			
Time Stamp:	16:52:01			
Application Type:	Utility under 35 USC 111(a)			

# **Payment information:**

Submitted with Payment

Information:

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	1 Change of Address	Change_of_Correspondence_A	48349	no	1
Thange of Address	ddress.pdf	2839aaaea7ceb531b59e3510b9f21438d84 cdb2b		'	
Warnings:					

no

48349

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

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#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



# United States Patent and Trademark Office

06/19/2013

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/369.609	07/09/2013	8479969	END5924USCNT2/060339CON2	2 9149

92223

7590

07/7/0

92223

K&L Gates LLP 210 SIXTH AVENUE PITTSBURGH, PA 15222-2613

## **ISSUE NOTIFICATION**

The projected patent number and issue date are specified above.

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Frederick E. Shelton IV, Hillsboro, OH;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit <u>SelectUSA.gov</u>.

IR103 (Rev. 10/09)

## END5924USCNT2/060339CON2 PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Art Unit: 3721

Frederick E. Shelton, IV

Examiner: Brian D. Nash

Patent No.: 8,479,969

:

**Serial No.:** 13/369,609

Issue Date: July 9, 2013 : Confirmation No.: 9149

Title: DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE

SURGICAL TOOL TO A ROBOT

#### REQUEST FOR CERTIFICATE OF CORRECTION

March 8, 2017

Commissioner for Patents Office of Patent Publication ATTN: Certificate of Correction Branch P.O. Box 1450 Alexandria, VA 22313-1450

#### Dear Commissioner:

A certificate of correction is respectfully requested in the above-identified patent (the "Subject Patent"). The exact location of the error appearing in the patent is as follows:

On Page 174, Column 95, Line 59, in Claim 24, delete "distal" and insert - proximal - -.

It is submitted that correction of this error, which is clerical in nature, does not require the addition of new matter to the Subject Patent, the reexamination of the Subject Patent, or materially affect the scope or meaning of the Subject Patent. It is therefore requested that a Certificate of Correction containing the correction noted on the attached form PTO/SB/44 be issued.

300590381_1

Application Serial No. 13/369,609 Patent No. 8,820,603 Attorney Docket No. END5924USCNT2/060339CON2

The Office is hereby authorized to charge our Deposit Account 02-1818 for any fee deficiencies associated herewith.

Respectfully submitted,

/Thomas J. Edgington/

Thomas J. Edgington

Attorney for Applicant Registration No. 34,324

K&L Gates LLP K&L Gates Center 210 Sixth Avenue Pittsburgh, Pennsylvania 15222 Telephone (412) 355-8303 Fax (412) 355-6501 thomas.edgington@klgates.com

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# UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION				
Page <u>1</u> of <u>1</u>				
PATENT NO. : 8,479,969				
APPLICATION NO.: 13/369,609				
ISSUE DATE : July 9, 2013				
INVENTOR(S) : Frederick E. Shelton, IV				
It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:				
-In Column 95, Line 59, in Claim 24, delete "distal"; and insert proximal				

MAILING ADDRESS OF SENDER (Please do not use Customer Number below):

Thomas J. Edgington, K&L Gates LLP K&L Gates Center 210 Sixth Avenue Pittsburgh, PA 15222-2613

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#### Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal						
Application Number:	13369609					
Filing Date:	09-	Feb-2012				
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT				LATABLE SURGICAL	
First Named Inventor/Applicant Name:	Fre	derick E. Shelton				
Filer:	The	omas J. Edgington/i	Mona Cornelia			
Attorney Docket Number:	EN	D5924USCNT2/060	339CON2			
Filed as Large Entity						
Filing Fees for Utility under 35 USC 111(a)						
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:						
Pages:						
Claims:						
Miscellaneous-Filing:						
Petition:						
Patent-Appeals-and-Interference:						
Post-Allowance-and-Post-Issuance:						
Certificate of correction		1811	1	100	100	

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
	Tot	al in USD	(\$)	100

Electronic Acknowledgement Receipt			
EFS ID:	28573882		
Application Number:	13369609		
International Application Number:			
Confirmation Number:	9149		
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT		
First Named Inventor/Applicant Name:	Frederick E. Shelton		
Correspondence Address:	Johnson & Johnson  - One Johnson & Johnson Plaza  - New Brunswick NJ 08933-7003  US -  -		
Filer:	Thomas J. Edgington/Mona Cornelia		
Filer Authorized By:	Thomas J. Edgington		
Attorney Docket Number:	END5924USCNT2/060339CON2		
Receipt Date:	08-MAR-2017		
Filing Date:	09-FEB-2012		
Time Stamp:	17:22:18		
Application Type:	Utility under 35 USC 111(a)		

# Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$100

RAM confirmation Number	030917INTEFSW00004373021818
Deposit Account	021818
Authorized User	Mona Cornelia

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.20 (Post Issuance fees)

# File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
			99894		
1	Request for Certificate of Correction	Request-for-Certificate-of- Correction-03-08-2017.pdf	aabf5b50f279caecab708871e5a8487cd98e b6c6	no	2
Warnings:		-			
Information:					
			147566		
2	2 Request for Certificate of Correction	Certificate-of-Correction-Form- PTO-SB-44.pdf	eaac9f6ffe4391d0070404b01990d1bd393f 0fa2	no	2
Warnings:		l			
Information:					
			30626		
3	Fee Worksheet (SB06)	fee-info.pdf	97cad7045b330cc912dd4bf274c29da9452 edf06	no	2
Warnings:					
Information:					
		Total Files Size (in bytes)	27	78086	

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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page __1__ of __2_

PATENT NO. : 8,479,969 APPLICATION NO.: 13/369,609 ISSUE DATE : July 9, 2013

INVENTOR(S) Frederick E. Shelton, IV

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

-Column 88, Lines 35 and 36, in Claim 1, delete "gear driven" and insert - - gear-driven - -;

-Column 88, Line 54, in Claim 1, delete "gear driven" and insert - - gear-driven - -;

-Column 88, Line 58, in Claim 2, delete "gear driven" and insert - - gear-driven - -;

-Column 88, Line 59, in Claim 2, delete "said proximal end portion" and insert - - a proximal end portion - -:

-Column 88, Line 65, in Claim 3, delete "a proximal end portion" and insert - - said proximal end portion - -;

-Column 89, Line 11, in Claim 3, delete "said open" and insert - - said first open - -;

-Column 89, Line 17, in Claim 5, delete "gear driven" and insert - - gear-driven - -;

-Column 89, Lines 48 and 49, in Claim 8, delete "at least one of said gear driven portions" and insert - - at least one gear-driven portions - -;

-Column 90, Line 6, in Claim 10, delete "portion";

-Column 90, Lines 31 and 32, in Claim 12, delete "distal portion" and insert - - distal spine portion - -;

-Column 90, Line 42, in Claim 14, delete "said" and insert - - a - -;

-Column 91, Line 47, in Claim 17, delete "a corresponding first rotatable body portion" and insert - - a corresponding first one of said rotatable body portions - -:

-Column 91, Line 62, in Claim 17, delete "first" and "second";

-Column 92, Line 3, in Claim 17, delete "of rotatable" and insert - - of said rotatable - -;

-Column 92, Lines 25 and 26, in Claim 17, delete "a corresponding third rotatable body

portion" and insert - - a corresponding third one of said rotatable body portions - -;

-Column 92, Line 37, in Claim 17, delete "surgical";

-Column 92, Line 38, in Claim 17, delete "said" and insert - - a - -;

-Column 92, Line 47, in Claim 18, delete "said effector" and insert - - said end effector - -;

#### MAILING ADDRESS OF SENDER (Please do not use Customer Number below):

Thomas J. Edgington, K&L Gates LLP

K&L Gates Center

210 Sixth Avenue

Pittsburgh, PA 15222-2613

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 8,479,969 APPLICATION NO.: 13/369,609 ISSUE DATE : July 9, 2013

INVENTOR(S) Frederick E. Shelton, IV

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

> -Column 92, Line 60, in Claim 18, delete "said effector" and insert - - an - -; -Column 92, Line 61, in Claim 18, delete "said effector" and insert - - a - -:

-Column 92, Line 67, in Claim 18, delete "the" and insert - - said - -;

-Column 94, Line 45, in Claim 21, delete "gear driven" and insert - - gear-driven - -;

-Column 94, Line 49, in Claim 22, delete "of said gear driven" and insert - - gear-driven - -:

-Column 94, Line 63, in Claim 22, delete "to rotary" and insert - - to said rotary - -;

-Column 95, Line 27, in Claim 23, after "shaft", insert - - assembly - -:

-Column 96, Line 12, in Claim 24, delete "gear driven", insert - - gear-driven - -; and

-Column 96, Line 22, in Claim 26, delete "said", insert - - a - -.

MAILING ADDRESS OF SENDER (Please do not use Customer Number below):

Thomas J. Edgington, K&L Gates LLP K&L Gates Center 210 Sixth Avenue Pittsburgh, PA 15222-2613

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
  presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to
  opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

#### END5924USCNT2/060339CON2 PATENT

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Art Unit: 3721

Frederick E. Shelton, IV

Examiner: Brian D. Nash

**Patent No.:** 8,479,969

:

**Serial No.:** 13/369,609

Issue Date: July 9, 2013 : Confirmation No.: 9149

Title: DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE

SURGICAL TOOL TO A ROBOT

#### REQUEST FOR CERTIFICATE OF CORRECTION

March 20, 2017

Commissioner for Patents
Office of Patent Publication
ATTN: Certificate of Correction Branch
P.O. Box 1450
Alexandria, VA 22313-1450

#### Dear Commissioner:

A certificate of correction is respectfully requested in the above-identified patent (the "Subject Patent"). The exact location of the errors appearing in the patent are as follows:

On Page 170, Column 88, Lines 35 and 36, in Claim 1, delete "gear driven" and insert - - gear-driven - -;

On Page 170, Column 88, Line 54, in Claim 1, delete "gear driven" and insert - - gear-driven - -;

On Page 170, Column 88, Line 58, in Claim 2, delete "gear driven" and insert - - gear-driven - -;

On Page 170, Column 88, Line 59, in Claim 2, delete "said proximal end portion" and insert - - a proximal end portion - -;

On Page 170, Column 88, Line 65, in Claim 3, delete "a proximal end portion" and insert - - said proximal end portion - -;

On Page 171, Column 89, Line 11, in Claim 3, delete "said open" 300606090_1

and insert - - said first open - -;

On Page 171, Column 89, Line 17, in Claim 5, delete "gear driven" and insert - - gear-driven - -;

On Page 171, Column 89, Lines 48 and 49, in Claim 8, delete "at least one of said gear driven portions" and insert - - at least one gear-driven portions - -;

On Page 171, Column 90, Line 6, in Claim 10, delete "portion";

On Page 171, Column 90, Lines 31 and 32, in Claim 12, delete "distal portion" and insert - - distal spine portion - -;

On Page 171, Column 90, Line 42, in Claim 14, delete "said" and insert - - a - -;

On Page 172, Column 91, Line 47, in Claim 17, delete "a corresponding first rotatable body portion" and insert - - a corresponding first one of said rotatable body portions - -;

On Page 172, Column 91, Line 62, in Claim 17, delete "first" and "second":

On Page 172, Column 92, Line 3, in Claim 17, delete "of rotatable" and insert - - of said rotatable - -;

On Page 172, Column 92, Lines 25 and 26, in Claim 17, delete "a corresponding third rotatable body portion" and insert - - a corresponding third one of said rotatable body portions - -;

On Page 172, Column 92, Line 37, in Claim 17, delete "surgical";

On Page 172, Column 92, Line 38, in Claim 17, delete "said" and insert - - a - -;

On Page 172, Column 92, Line 47, in Claim 18, delete "said effector" and insert - - said end effector - -;

On Page 172, Column 92, Line 60, in Claim 18, delete "said effector" and insert - - an - -;

On Page 172, Column 92, Line 61, in Claim 18, delete "said effector" and insert - - a - -;

On Page 172, Column 92, Line 67, in Claim 18, delete "the" and

Application Serial No. 13/369,609 Patent No. 8,479,969 Attorney Docket No. END5924USCNT2/060339CON2

insert - - said - -;

On Page 173, Column 94, Line 45, in Claim 21, delete "gear driven" and insert - - gear-driven - -;

On Page 173, Column 94, Line 49, in Claim 22, delete "of said gear driven" and insert - - gear-driven - -;

On Page 173, Column 94, Line 63, in Claim 22, delete "to rotary" and insert - - to said rotary - -;

On Page 174, Column 95, Line 27, in Claim 23, after "shaft", insert - assembly - -;

On Page 174, Column 96, Line 12, in Claim 24, delete "gear driven", insert - - gear-driven - -; and

On Page 174, Column 96, Line 22, in Claim 26, delete "said", insert

It is submitted that correction of these errors, which are clerical in nature, does not require the addition of new matter to the Subject Patent, the reexamination of the Subject Patent, or materially affect the scope or meaning of the Subject Patent. It is therefore requested that a Certificate of Correction containing the corrections noted on the attached form PTO/SB/44 be issued.

The Office is hereby authorized to charge our Deposit Account 02-1818 for any fee deficiencies associated herewith.

Respectfully submitted,

/Thomas J. Edgington/

Thomas J. Edgington Attorney for Applicant Registration No. 34,324

K&L Gates LLP K&L Gates Center 210 Sixth Avenue Pittsburgh, Pennsylvania 15222 Telephone (412) 355-8303 Fax (412) 355-6501 thomas.edgington@klgates.com

Electronic Patent Application Fee Transmittal						
Application Number:	13369609					
Filing Date:	09-Feb-2012					
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT					
First Named Inventor/Applicant Name:	Frederick E. Shelton					
Filer:	Thomas J. Edgington/Mona Cornelia					
Attorney Docket Number:	END5924USCNT2/060339CON2					
Filed as Large Entity						
Filing Fees for Utility under 35 USC 111(a)						
Description		Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Basic Filing:						
Pages:						
Claims:						
Miscellaneous-Filing:						
Petition:						
Patent-Appeals-and-Interference:						
Post-Allowance-and-Post-Issuance:						
Certificate of correction 1811 1 100 10					100	

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)	
Extension-of-Time:					
Miscellaneous:					
Total in USD (\$)			100		

Electronic Acknowledgement Receipt				
EFS ID:	28682472			
Application Number:	13369609			
International Application Number:				
Confirmation Number:	9149			
Title of Invention:	DRIVE INTERFACE FOR OPERABLY COUPLING A MANIPULATABLE SURGICAL TOOL TO A ROBOT			
First Named Inventor/Applicant Name:	Frederick E. Shelton			
Correspondence Address:	Johnson & Johnson  - One Johnson & Johnson Plaza  - New Brunswick NJ 08933-7003  US -  -			
Filer:	Thomas J. Edgington/Mona Cornelia			
Filer Authorized By:	Thomas J. Edgington			
Attorney Docket Number:	END5924USCNT2/060339CON2			
Receipt Date:	20-MAR-2017			
Filing Date:	09-FEB-2012			
Time Stamp:	19:18:41			
Application Type:	Utility under 35 USC 111(a)			

### **Payment information:**

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$100

RAM confirmation Number	032117INTEFSW00006660021818	
Deposit Account	021818	
Authorized User	Mona Cornelia	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: 37 CFR 1.20 (Post Issuance fees)

#### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)	
			155423			
1	Request for Certificate of Correction	Certificate-of-Correction-Form- PTO-SB-44-03-20-2017.pdf	7d88ddf55879ded9b283993b76dbfa7e4da 7d58b	no	3	
Warnings:						
Information:						
			101574		3	
2 Request for Certificate of Correction	Request-for-Certificate-of- Correction-03-20-2017.pdf	b77ffcf3877e868344d5a595b78ecad12914 ad8d	no			
Warnings:						
Information:						
			30625			
3	3 Fee Worksheet (SB06) f		068e19cebfce8016345a5299705954e4a3df 0fae	no	2	
Warnings:						
Information:						
		Total Files Size (in bytes)	28	37622		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

#### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

#### UNITED STATES PATENT AND TRADEMARK OFFICE

#### **CERTIFICATE OF CORRECTION**

PATENT NO. : 8,479,969 B2 Page 1 of 2

APPLICATION NO. : 13/369609 DATED : July 9, 2013

INVENTOR(S) : Frederick E. Shelton, IV

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- -Column 88, Lines 35 and 36, in Claim 1, delete "gear driven" and insert -- gear-driven --;
- -Column 88, Line 54, in Claim 1, delete "gear driven" and insert -- gear-driven --;
- -Column 88, Line 58, in Claim 2, delete "gear driven" and insert -- gear-driven --;
- -Column 88, Line 59, in Claim 2, delete "said proximal end portion" and insert -- a proximal end portion --;
- -Column 88, Line 65, in Claim 3, delete "a proximal end portion" and insert -- said proximal end portion --;
- -Column 89, Line 11, in Claim 3, delete "said open" and insert -- said first open --;
- -Column 89, Line 17, in Claim 5, delete "gear driven" and insert -- gear-driven --;
- -Column 89, Lines 48 and 49, in Claim 8, delete "at least one of said gear driven portions" and insert -- at least one gear-driven portions --;
- -Column 90, Line 6, in Claim 10, delete "portion";
- -Column 90, Lines 31 and 32, in Claim 12, delete "distal portion" and insert -- distal spine portion --;
- -Column 90, Line 42, in Claim 14, delete "said" and insert -- a --;
- -Column 91, Line 47, in Claim 17, delete "a corresponding first rotatable body portion" and insert
- -- a corresponding first one of said rotatable body portions --;
- -Column 91, Line 62, in Claim 17, delete "first" and "second";
- -Column 92, Line 3, in Claim 17, delete "of rotatable" and insert -- of said rotatable --;
- -Column 92, Lines 25 and 26, in Claim 17, delete "a corresponding third rotatable body portion" and insert -- a corresponding third one of said rotatable body portions --;
- -Column 92, Line 37, in Claim 17, delete "surgical";
- -Column 92, Line 38, in Claim 17, delete "said" and insert -- a --;
- -Column 92, Line 47, in Claim 18, delete "said effector" and insert -- said end effector --;
- -Column 92, Line 60, in Claim 18, delete "said effector" and insert -- an --;
- -Column 92, Line 61, in Claim 18, delete "said effector" and insert -- a --;
- -Column 92, Line 67, in Claim 18, delete "the" and insert -- said --;
- -Column 94, Line 45, in Claim 21, delete "gear driven" and insert -- gear-driven --;

Signed and Sealed this Second Day of May, 2017

Michelle K. Lee Director of the United States Patent and Trademark Office

Michelle K. Lee

### CERTIFICATE OF CORRECTION (continued) U.S. Pat. No. 8,479,969 B2

Page 2 of 2

- -Column 94, Line 49, in Claim 22, delete "of said gear driven" and insert -- gear-driven --;
  - -Column 94, Line 63, in Claim 22, delete "to rotary" and insert -- to said rotary --;
  - -Column 95, Line 27, in Claim 23, after "shaft", insert -- assembly --;
  - -Column 96, Line 12, in Claim 24, delete "gear driven", insert -- gear-driven --; and
  - -Column 96, Line 22, in Claim 26, delete "said", insert -- a --.

AO 120 (Rev. 08/10)

TO:

## Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

# REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

Alexai	ndria, VA 22313-1450	TRADEMARK			
filed in the U.S. Dist		5 U.S.C. § 1116 you are hereby advised that a court action has been for the District of Delaware on involves 35 U.S.C. § 292.):			
DOCKET NO.	DATE FILED 6/30/2017	U.S. DISTRICT COURT for the District of Delaware			
PLAINTIFF ETHICON LLC, et al.		DEFENDANT INTUITIVE SURGICAL, INC., et al.			
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK			
1 9,585,658 B2	3/7/2017	Ethicon LLC			
2 8,479,969 B2	7/9/2013	Ethicon LLC			
3 9,113,874 B2	8/25/2015	Ethicon LLC			
4 8,998,058 B2	4/7/2015	Ethicon LLC			
5 <b>8,991,677 B2</b>	3/31/2015	Ethicon LLC			
6. 9,084,601 B2	7/21/2015	Ethicon LLC the following patent(s)/ trademark(s) have been included:			
DATE INCLUDED	INCLUDED BY				
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK			
1					
2					
3					
4					
5					
In the abov	re-entitled case, the following d	decision has been rendered or judgement issued:			
DECISION/JUDGEMENT					
CLERK	(BY)	DATE DATE			

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 8,479,969 B2 Page 1 of 1

APPLICATION NO. : 13/369609 DATED : July 9, 2013

INVENTOR(S) : Frederick E. Shelton, IV

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Claims

-In Column 95, Line 59, in Claim 24, delete "distal"; and insert -- proximal --.

Signed and Sealed this Twenty-third Day of January, 2018

Joseph Matal

Doseph

Performing the Functions and Duties of the Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office



#### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/369,609	02/09/2012	Frederick E. Shelton IV EN	ND5924USCNT2/060339CO	N2 9149
Johnson & John	7590 01/09/201	8	EXAM	IINER
One Johnson &		NASH, BRIAN D		
			ART UNIT	PAPER NUMBER
			3721	
			MAIL DATE	DELIVERY MODE
			01/09/2018	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

#### UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 www.uspto.gov

Patent No. 8479969
Issued Date: 09 July, 2013
Appl. No: 13/369,609
Filed.: 09 February 2012

#### PART (A) RESPONSE FOR CERTIFICATES OF CORRECTION

This is a decision of	on the Ce	rtificate of Correct	tion request filed 08 March 20	017.
The request for iss provisions of 37 C			rection for the above-identifiereby:	ed correction(s) under the
(Check one)	□Aj	pproved in Part	☐ Denied	
Comments:				
	<b>PART</b>	(B) PETITION U	UNDER 37 CFR 1.324 OR	37 CFR 1.48
☐ This is a decision	on on the	petition filed	to correct inventorship und	der 37 CFR 1.324.
	issued, th	ne request under 37	CFR 1.48, petition filed 7 CFR 1.48 has been treated	. In view of the fact that the as a petition to correct
The petition is here	eby:	Granted	□ Dismissed	
Comment:				
The patented filed naming only the a	_		ificate of Corrections Branch	h for issuance of a certificate
/THANH TRUONG Supervisory Patent Technology Center Phone: (571)272-44	Examiner er 3700	, Art Unit 3721		

Certificates of Correction Branch email: CustomerServiceCoC@uspto.gov CoC Central Phone Number: (703) 756-1814