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IN THE UNITED STATES RECEIVING OFFICE
PATENT COOPERATION TREATY

Applicants: UNIVERSITY OF WASHINGTON, et al.
Int'l Application No. PCT/US2007/072038
Int'l Filing Date: 25 June 2007 (25.06.2007)
Earliest Priority Date: 23 June 2006 (23.06.2006)
Title: FLUIDIC SELF-ASSEMBLY FOR SYSTEM
INTEGRATION
Agent's File Reference: UWOTL129683

RESPONSE TO INVITATION TO CORRECT DEFECTS IN THE INTERNATIONAL
APPLICATION;
and
SUBMISSION OF SUBSTITUTE REQUEST SHEETS NOS. 1-4

TO THE COMMISSIONER FOR PATENTS:
ATTENTION: LYDELL MEADOWS, AUTHORIZED OFFICER

With reference to the Invitation to Correct Defects mailed 10 August 2007, Form PCT/RO/106 (Annex B1), Item 1r, attached are substitute Request Sheets Nos. 1-4 to replace Request Sheets Nos. 1-4 originally filed in the application. The text of the Substitute Request Sheets is identical to the Request Sheets originally filed in the application.

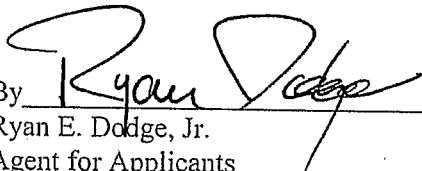
In a telephone conference with Paul F. Urrutia of the Operations Division on 22 August 2007, it was determined that the originally filed Request Sheets were acceptable; however, agent for applicants is submitting the enclosed substitute Request Sheets in the hope that this second electronic transmission will be more legible.

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Thank you for your assistance. Please call the undersigned if you have any questions or require any additional information or materials in order to correct all defects for the subject application.

Respectfully submitted,

CHRISTENSEN O'CONNOR
JOHNSON KINDNESS^{PLLC}

By 
Ryan E. Dodge, Jr.
Agent for Applicants
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E-Mail Address: dodge@cojk.com

RED:BCL

Enclosures:
Substitute Request Sheets Nos. 1-4

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
International Application No. (25.06.07) 25 JUN 2007	
International Filing Date PCT INTERNATIONAL APPLICATION RO/US	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference <i>(if desired) (12 characters maximum)</i>	UWOTL129683

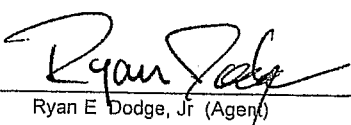
Box No. I TITLE OF INVENTION	
FLUIDIC SELF-ASSEMBLY FOR SYSTEM INTEGRATION	
Box No. II APPLICANT <input type="checkbox"/> This person is also inventor	
Name and address. <i>(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i> UNIVERSITY OF WASHINGTON Campus Box 354990 4311 - 11th Avenue Northeast, Suite 500 Seattle, Washington 98105-4608 US	Telephone No. Facsimile No. Applicant's registration No. with the Office
State <i>(that is, country)</i> of nationality: US	State <i>(that is, country)</i> of residence: US
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)	
<input checked="" type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address: <i>(Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country.)</i> DODGE, Ryan E., Jr. Christensen O'Connor Johnson Kindness PLLC 1420 Fifth Avenue, Suite 2800 Seattle, Washington 98101 US	Telephone No. 206-682-8100 Facsimile No. 206-224-0779 Agent's registration No. with the Office 42,492
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

Form PCT/RO/101 (first sheet) (April 2007)
LegalStar 2007, Form PCTREQ

See Notes to the request form

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) <i>If none of the following sub-boxes is used, this sheet should not be included in the request</i>	
Name and address. <i>(Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i> AMIRPARVIZ, Babak 620 North 34th Street, Apt. #625 Seattle, Washington 98103 US	This person is: <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i> Applicant's registration No with the Office
State <i>(that is, country)</i> of nationality: IR	State <i>(that is, country)</i> of residence: US
This person is applicant <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental	
Name and address. <i>(Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i> STAUTH, Sean 3624 Phinney Avenue North, Apt. #405 Seattle, Washington 98103 US	This person is: <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i> Applicant's registration No with the Office
State <i>(that is, country)</i> of nationality: US	State <i>(that is, country)</i> of residence: US
This person is applicant for the <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental	
Name and address. <i>(Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i> (Empty)	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i> Applicant's registration No with the Office
State <i>(that is, country)</i> of nationality: (Empty)	State <i>(that is, country)</i> of residence: (Empty)
This person is applicant for the <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental	
Name and address. <i>(Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)</i> (Empty)	This person is: <input type="checkbox"/> applicant only <input type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only <i>(If this check-box is marked, do not fill in below.)</i> Applicant's registration No with the Office
State <i>(that is, country)</i> of nationality: (Empty)	State <i>(that is, country)</i> of residence: (Empty)
This person is applicant for the <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental	
<input type="checkbox"/> Further applicants and/or (further) inventors are indicated on another continuation sheet.	

Box No. V DESIGNATIONS				
The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. However,				
<input type="checkbox"/> DE Germany is not designated for any kind of national protection				
<input type="checkbox"/> JP Japan is not designated for any kind of national protection				
<input type="checkbox"/> KR Republic of Korea is not designated for any kind of national protection				
<input type="checkbox"/> RU Russian Federation is not designated for any kind of national protection				
<i>(The check-boxes above may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application)</i>				
Box No. VI PRIORITY CLAIM				
The priority of the following earlier application(s) is hereby claimed.				
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application. country or Member	regional application. regional Office	international application. receiving Office
item (1) 23 June 2006 (23.06.2006)	60/816,217	US		
item (2)				
item (3)				
<input type="checkbox"/> Further priority claims are indicated in the Supplemental Box.				
Transmit certified copy: the receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:				
<input checked="" type="checkbox"/> all items <input type="checkbox"/> item (1) <input type="checkbox"/> item (2) <input type="checkbox"/> item (3) <input type="checkbox"/> other, see Supplemental Box				
Restore the right of priority: the receiving Office is requested to restore the right of priority for the earlier application(s) identified above or in the Supplemental Box as item(s) (<u>1</u>). (See also the Notes to Box No. VI; further information must be provided to support a request to restore the right of priority.)				
Incorporation by reference: where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.				
Box No. VII INTERNATIONAL SEARCHING AUTHORITY				
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen, the two-letter code may be used).				
ISA/ KR				
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority)				
Date (day/month/year)	Number	Country (or regional Office)		
Box No. VIII DECLARATIONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):				Number of declarations
<input type="checkbox"/>	Box No. VIII (i)	Declaration as to the identity of the inventor	:	
<input type="checkbox"/>	Box No. VIII (ii)	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	:	
<input type="checkbox"/>	Box No. VIII (iii)	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	:	
<input type="checkbox"/>	Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America)	:	
<input type="checkbox"/>	Box No. VIII (v)	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	:	

Box No. IX CHECK LIST; LANGUAGE OF FILING		
<p>This international application contains:</p> <p>(a) on paper, the following number of sheets:</p> <p>request (including declaration and supplemental sheets) : 4</p> <p>description (excluding sequence listing and/or tables related thereto) : 14</p> <p>claims : 4</p> <p>abstract : 1</p> <p>drawings : 5</p> <hr/> <p>Sub-total number of sheets 28</p> <p>sequence listing : tables related thereto : <i>(for both, actual number of sheets if filed on paper, whether or not also filed in electronic form; see (c) below)</i></p> <p>Total number of sheets 28</p> <p>(b) <input type="checkbox"/> only in electronic form (Section 801(a)(i))</p> <p>(i) <input type="checkbox"/> sequence listing</p> <p>(ii) <input type="checkbox"/> tables related thereto</p> <p>(c) <input type="checkbox"/> also in electronic form (Section 801(a)(ii))</p> <p>(i) <input type="checkbox"/> sequence listing</p> <p>(ii) <input type="checkbox"/> tables related thereto</p> <p>Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the</p> <p><input type="checkbox"/> sequence listing:</p> <p><input type="checkbox"/> tables related thereto: <i>(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)</i></p>	<p>This international application is accompanied by the following item(s) <i>(mark the applicable check-boxes below and indicate in right column the number of each item)</i>.</p> <p>1. <input checked="" type="checkbox"/> fee calculation sheet : 1</p> <p>2. <input type="checkbox"/> original separate power of attorney :</p> <p>3. <input type="checkbox"/> original general power of attorney :</p> <p>4. <input type="checkbox"/> copy of general power of attorney; reference number, if any: :</p> <p>5. <input type="checkbox"/> statement explaining lack of signature :</p> <p>6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s). :</p> <p>7. <input type="checkbox"/> translation of international application into <i>(language)</i>: :</p> <p>8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material :</p> <p>9. <input type="checkbox"/> sequence listing in electronic form <i>(indicate type and number of carriers)</i></p> <p>(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application) :</p> <p>(ii) <input type="checkbox"/> <i>(only where check-box (b)(i) or (c)(i) is marked in left column)</i> additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter</p> <p>(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column :</p> <p>10. <input type="checkbox"/> tables in electronic form related to sequence listing <i>(indicate type and number of carriers)</i></p> <p>(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application) :</p> <p>(ii) <input type="checkbox"/> <i>(only where check-box (b)(ii) or (c)(ii) is marked in left column)</i> additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)</p> <p>(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column :</p> <p>11. <input checked="" type="checkbox"/> other <i>(specify)</i> Transmittal Letter : 1</p>	<p>Number of items</p>
<p>Figure of the drawings which should accompany the abstract: 2</p>	<p>Language of filing of the international application: English</p>	
<p>Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE <i>Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request)</i></p>		
<p>By  _____ Ryan E. Dodge, Jr. (Agent)</p> <p style="text-align: right; margin-right: 100px;">(25.06.07)</p>		

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<p>1. Date of actual receipt of the purported international application: REC'D PCT/PTO 25 JUN 2007</p>	<p>2 Drawings:</p> <p><input type="checkbox"/> received:</p> <p><input type="checkbox"/> not received:</p>
<p>3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:</p>	
<p>4. Date of timely receipt of the required corrections under PCT Article 11(2):</p>	
<p>5. International Searching Authority (if two or more are competent): ISA/WR</p>	<p>6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid</p>

For International Bureau use only
<p>Date of receipt of the record copy by the International Bureau:</p>