

Electronic Acknowledgement Receipt

EFS ID:	19977500
Application Number:	14469801
International Application Number:	
Confirmation Number:	8772
Title of Invention:	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION
First Named Inventor/Applicant Name:	Michael Burch
Customer Number:	55952
Filer:	Raj Vasant Abhyanker/Anjal Dhomane
Filer Authorized By:	Raj Vasant Abhyanker
Attorney Docket Number:	00252.00010US1
Receipt Date:	27-AUG-2014
Filing Date:	
Time Stamp:	12:20:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$730
RAM confirmation Number	13736
Deposit Account	505934
Authorized User	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Application Data Sheet	ADS_00252_00010US1.pdf	97145 a7cca6f8fd70bc8cfe1a917a6a76cf22565d0d	no	7
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
2	Oath or Declaration filed	Declaration_00252_00010US1.pdf	147367 9ad2f3a37bc89563ee1fb178c7a8bdb1beb25a85	no	2
Warnings:					
Information:					
3	Power of Attorney	POA_00252_00010US1.pdf	129083 70de598663caa43dad86e67ccf85c5c8666878e7	no	4
Warnings:					
Information:					
4	Specification	Specification_00252_00010US1.pdf	80759 da4f56ce68482ff4255e419d76a9e6c11aa16876	no	18
Warnings:					
Information:					
5	Claims	Claims_00252_00010US1.pdf	26928 b09a2396415ec033c8eecd81bd5cbd4d4a03f151	no	8
Warnings:					
Information:					
6	Abstract	Abstract_00252_00010US1.pdf	11800 81c3468ffd933c8e478ba78567d979f454fd66f7	no	1
Warnings:					
Information:					
7	Drawings-only black and white line drawings	Drawings_00252_00010US1.pdf	98414 a50ca7dbe7146dd5b2b62ed5ba025926c8983833	no	7
Warnings:					
Information:					
8	Fee Worksheet (SB06)	fee-info.pdf	33377 0df64fe49cbc53e2e9a1974956c5d1e5155b2830	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			624873		

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.

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	00252.00010US1
		Application Number	
Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2

Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove				
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Michael		Burch	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Myrtle Beach	State/Province	SC	Country of Residence
				US
Mailing Address of Inventor:				
Address 1	4050 Socastee Blvd. Unit H.			
Address 2				
City	Myrtle Beach	State/Province	SC	
Postal Code	29588	Country	US	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. Add				

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.	
Customer Number	55952
Email Address	docketing@legalforcelaw.com Add Email Remove Email

Application Information:

Title of the Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION		
Attorney Docket Number	00252.00010US1	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	7	Suggested Figure for Publication (if any)	

Filing By Reference :

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.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	00252.00010US1
		Application Number	
Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION		

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

Request Early Publication (Fee required at time of Request 37 CFR 1.219)

Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)
Customer Number	55952		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the application number blank.

Prior Application Status	Pending	Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Claims benefit of provisional	61870249	2013-08-27

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

Foreign Priority Information:

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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	00252.00010US1
	Application Number	
Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION	

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(d). When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)ⁱ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(h)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove

Application Number	Country ⁱ	Filing Date (YYYY-MM-DD)	Access Code ⁱ (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

- This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
- NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization to Permit Access:

- Authorization to Permit Access to the Instant Application by the Participating Offices

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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	00252.00010US1
	Application Number	
Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION	

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.				
Applicant 1				
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.				
<input type="button" value="Clear"/>				
<input type="radio"/> Assignee	<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Joint Inventor		
<input type="radio"/> Person to whom the inventor is obligated to assign.		<input type="radio"/> Person who shows sufficient proprietary interest		
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:				
Name of the Deceased or Legally Incapacitated Inventor : <input style="width: 450px;" type="text"/>				
If the Applicant is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	00252.00010US1
	Application Number	
Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION	

Mailing Address Information For Applicant:			
Address 1			
Address 2			
City		State/Province	
Country		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1				
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
If the Assignee or Non-Applicant Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1				
Address 2				
City		State/Province		
Country ⁱ		Postal Code		
Phone Number		Fax Number		
Email Address				

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	00252.00010US1
	Application Number	
Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION	

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications.					
Signature	/Raj Abhyanker/			Date (YYYY-MM-DD)	2014-08-27
First Name	Raj	Last Name	Abhyanker	Registration Number	45474
Additional Signature may be generated within this form by selecting the Add button.					

This collection of information is required by 37 CFR 1.76. 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 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet 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.**

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 the Freedom of Information Act requires disclosure of these records.
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 inspections 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.

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

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION
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As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or
 United States application or PCT international application number _____
filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Michael Burch Date (Optional): August 27, 2014Signature: /Michael Burch/

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1 minute 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.

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.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	
Filing Date	
First Named Inventor	Michael Burch
Title	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION
Art Unit	
Examiner Name	
Attorney Docket Number	00252.00010US1

SIGNATURE of Applicant or Patent Practitioner

Signature	/Raj Abhyanker/	Date (Optional)	August 27, 2014
Name	Raj Abhyanker	Registration Number	45474
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.



*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. 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 3 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.**

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

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Table with 2 columns: Application Number, Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above:

55952

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UNITED STATES PATENT APPLICATION
FOR

**OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED
POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION**

INVENTOR:

MICHAEL BURCH

Prepared by:

LegalForce RAPC Worldwide

1580 W. El Camino Real, Suite 13

Mountain View, California 94040

Phone: 650-965-8731

RAPC Docket No.: 00252.00010US1

**OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH
HAVING A NON-EVAPORATIVE LIQUID COMPOSITION**

CLAIM OF PRIORITY

[0001] This application is non-provisional application and claims priority to the U.S. Provisional Application No. 61/870,249 titled 'LIQUID FILLED FLIP FLOP' filed on August 27, 2013.

FIELD OF THE TECHNOLOGY

[0002] This disclosure relates generally to the field of podiatry, and more particularly, to an open-toed sandal with an integrated bladder filled pouch having a non-evaporative liquid composition, according to one embodiment.

BACKGROUND

[0003] An open-toed sandal may be worn in casual situations, such as outside and/or at the beach. The open-toed sandal may be formed from a flat sole (e.g., a sole member) held loosely on a foot by a Y-shaped strap that passes between first and second toes and around either side of the foot. The open-toed sandal may also be held to the foot with a single strap over the top of the foot. The open-toed sandal may not benefit from inserts of a shoe (e.g., ergonomic inserts, massaging inserts) because the open-toed sandal may not fully encapsulate the foot and therefore the inserts may not be held in place when a wearer of the open-toed sandal walks.

SUMMARY

[0004] Disclosed is an open-toed sandal with an integrated bladder filled pouch having a non-evaporative liquid composition, according to one embodiment.

[0005] In one aspect, an open-toed sandal includes a sole member and a bladder filled pouch filled with a non-evaporative liquid affixed on a top surface of the sole member on which a wearer of the open-toed sandal rests a foot. A shape of the bladder filled pouch contorts as the wearer of the open-toed sandal walks. The contortion of the bladder filled pouch is triggered by a movement of the non-evaporative liquid within the bladder filled pouch (e.g., in response to a pressure placed on the bladder when the wearer walks). A securing support member is connected to the sole member. The securing support member wraps around the sole member to secure the foot in the open-toed sandal.

[0006] The bladder filled pouch may retain a memory of a motion of the foot (e.g., when a material forming the pouch progressively changes permanent shape) based on the pressure placed on the bladder filled pouch filled with the non-evaporative liquid when the wearer walks in any direction (e.g., based on a bending of a material forming the bladder filled pouch responsive to a motion of the wearer). The material forming the bladder filled pouch may be latex. A thickness of the bladder filled pouch may be approximately 1 inch thick.

[0007] The non-evaporative liquid may be a blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water. The blend may eliminate a sound of the non-evaporative liquid swishing around in the bladder filled pouch when the wearer walks in any direction (e.g., thereby eliminating an undesirable sound of flatulence when the wearer walks that would otherwise be caused by the movement of the non-

evaporative liquid within the bladder filled pouch in response to the pressure placed on the bladder filled pouch when the wearer walks). The bladder filled pouch may be covered with a fabric that is heat pressed with glue and/or attached to contours of the sole member. The fabric may encapsulate the bladder filled pouch in the open-toed sandal, such that the wearer walks on the fabric on the surface of the sole member encapsulating the bladder filled pouch. The open-toed sandal may be a liquid filled massaging flip-flop.

[0008] In another aspect, a flip-flop includes a sole member and a pouch filled with a non-evaporative liquid affixed on a top surface of the sole member. A shape of the pouch contorts as the wearer of the flip-flop walks. The contortion of the pouch is responsive to a movement of the non-evaporative liquid within the pouch based on a pressure placed on the bladder when the wearer walks. The flip-flop includes a securing support member connected to the sole member which wraps around the sole member to secure the foot in the flip-flop formed by the sole member connected to the securing support member.

[0009] The pouch may retain a memory of a motion of the foot when a material forming the pouch progressively changes permanent shape (e.g., based on the pressure placed on the pouch filled with the non-evaporative liquid) when the wearer walks in any direction (e.g., based on a bending of a material forming the pouch responsive to a motion of the wearer). The material forming the pouch may be latex.

[0010] A thickness of the pouch may be approximately 1 inch thick. The non-evaporative liquid may be a blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water. The blend may eliminate a sound of the non-evaporative liquid swishing around in the pouch when the wearer walks in any direction (e.g., thereby eliminating an undesirable sound of flatulence when the wearer walks that would

otherwise be caused by the movement of the non-evaporative liquid within the bladder filled pouch in response to the pressure placed on the bladder filled pouch when the wearer walks).

[0011] The pouch may be covered with a fabric that is heat pressed with glue and/or attached to contours of the sole member. The fabric may encapsulate the pouch in the flip-flop, such that the wearer walks on the fabric on the surface of the sole member encapsulating the pouch. The flip-flop may be a liquid filled massaging flip-flop.

[0012] In yet another aspect, a method includes affixing a bladder filled pouch filled with a non-evaporative liquid affixed on a top surface of a sole member of a sole member on which a wearer of an open-toed sandal rests a foot. A shape of the bladder filled pouch contorts as the wearer of the open-toed sandal walks. The contortion of the bladder filled pouch is triggered by a movement of the non-evaporative liquid within the bladder filled pouch in response to a pressure placed on the bladder when the wearer walks. A securing support member is connected to the sole member. The securing support member wraps around the sole member to secure the foot in the open-toed sandal. The securing support member is a Y-connection support, a wrap around support, and/or a heel support.

[0013] The bladder filled pouch may retain a memory of a motion of the foot when a material forming the pouch progressively may change permanent shape based on the pressure placed on the bladder filled pouch filled (e.g., with the non-evaporative liquid) when the wearer walks in any direction based on a bending of a material forming the bladder filled pouch responsive to a motion of the wearer. The material forming the bladder filled pouch may be latex. A thickness of the bladder filled pouch may be approximately 1 inch thick. The non-evaporative liquid may be a blend including

approximately 96% glycerin, 3% vegetable oil, and/or 1% water. The blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water may eliminate a sound of the non-evaporative liquid swishing around in the bladder filled pouch when the wearer walks in any direction (e.g., thereby eliminating an undesirable sound of flatulence when the wearer walks that would otherwise be caused by the movement of the non-evaporative liquid within the bladder filled pouch in response to the pressure placed on the bladder filled pouch when the wearer walks).

[0014] The bladder filled pouch may be covered with a fabric that is heat pressed with glue and/or attached to contours of the sole member. The fabric may encapsulate the bladder filled pouch in the open-toed sandal (e.g., such that the wearer walks on the fabric on the surface of the sole member encapsulating the bladder filled pouch). The open-toed sandal may be a liquid filled massaging flip-flop.

[0015] The methods and systems disclosed herein may be implemented in any means for achieving various aspects, and may be executed in a form of a machine-readable medium embodying a set of instructions that, when executed by a machine, cause the machine to perform any of the operations disclosed herein. Other features will be apparent from the accompanying drawings and from the detailed description that follows.

BRIEF DESCRIPTION OF THE FIGURES

[0016] Example embodiments are illustrated by way of example and not limitation in the figures of the accompanying drawings, in which like references indicate similar elements and in which:

[0017] **Figure 1** is a schematic view illustrating an open-toed sandal having a sole member affixed with a bladder filled pouch, according to one embodiment.

[0018] **Figure 2A** is an overhead view of the open-toed sandal having a set of contours surrounded by a pouch in a top surface of the open-toed sandal, according to one embodiment.

[0019] **Figure 2B** is a sectional view illustrating the pouch of **Figure 2A** encapsulated by a fabric, according to one embodiment.

[0020] **Figure 3A** is a side view of the open-toed sandal of **Figure 2A** having a contortion caused by the bending of a non-evaporative liquid within the pouch, according to one embodiment.

[0021] **Figure 3B** is an exploded view of the open-toed sandal of **Figure 2A** illustrating layers that form a sole member of the open-toed sandal having the pouch, according to one embodiment.

[0022] **Figure 4A** is a wearer in motion view that illustrates a movement of non-evaporative liquid when the open-toed sandal of **Figure 2A** is in motion, according to at least one embodiment.

[0023] **Figure 4B** and **Figure 4C** are sequential figures that illustrate a permanently changed shape of the pouch after repeated walking with the open-toed sandal of **Figure**

2A to best conform with a wearer of the open-toed sandal and based on a retained memory of a motion of the foot, at least one embodiment.

[0024] Other features of the present embodiments will be apparent from the accompanying drawings and from the detailed description that follows.

DETAILED DESCRIPTION

[0025] Disclosed is an open-toed sandal with an integrated bladder filled pouch having a non-evaporative liquid composition, according to one embodiment.

[0026] In one embodiment, an open-toed sandal 100 includes a sole member 102 and a bladder filled pouch 104 filled with a non-evaporative liquid 106 affixed on a top surface 108 of the sole member 102 on which a wearer 110 of the open-toed sandal 100 rests a foot 112. A shape 114 of the bladder filled pouch 104 contorts as the wearer 110 of the open-toed sandal 100 walks. The contortion of the bladder filled pouch 104 is triggered by a movement 116 of the non-evaporative liquid 106 within the bladder filled pouch 104 (e.g., in response to a pressure 118 placed on the bladder filled pouch 104 when the wearer 110 walks). A securing support member 120 is connected to the sole member 102. The securing support member 120 wraps around the sole member 102 to secure the foot 112 in the open-toed sandal 100.

[0027] The bladder filled pouch 104 may retain a memory of a motion (e.g., retained impression of the motion of the foot) of the foot 112 (e.g., when a material forming the pouch 204 progressively changes permanent shape 114) based on the pressure 118 placed on the bladder filled pouch 104 filled with the non-evaporative liquid 106 when the wearer 110 walks in any direction (e.g., based on a bending of a material forming the bladder filled pouch 104 responsive to a motion of the wearer 110). The material forming the bladder filled pouch 104 may be latex. A thickness of the bladder filled pouch 104 may be approximately 1 inch thick.

[0028] The non-evaporative liquid 106 may be a blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water.

[0029] The blend may include approximately 96% glycerin, 3% vegetable oil, and/or 1% water. The blend may eliminate a sound of the non-evaporative liquid 106 swishing around in the bladder filled pouch 104 when the wearer 110 walks in any direction (e.g., thereby eliminating an undesirable sound of flatulence when the wearer 110 walks that would otherwise be caused by the movement 116 of the non-evaporative liquid 106 within the bladder filled pouch 104 in response to the pressure 118 placed on the bladder filled pouch 104 when the wearer 110 walks). The bladder filled pouch 104 may be covered with a fabric 206 that is heat pressed with glue and/or attached to contours 208 of the sole member 102. The fabric 206 may encapsulate the bladder filled pouch 104 in the open-toed sandal 100, such that the wearer 110 walks on the fabric 206 on the surface of the sole member 102 encapsulating the bladder filled pouch 104. The open-toed sandal 100 may be a liquid filled massaging flip-flop.

[0030] In another embodiment, a flip-flop includes a sole member 102 and a pouch 204 filled with a non-evaporative liquid 106 affixed on a top surface 108 of the sole member 102. A shape 114 of the pouch 204 contorts as the wearer 110 of the flip-flop walks. The contortion of the pouch 204 is responsive to a movement 116 of the non-evaporative liquid 106 within the pouch 204 based on a pressure 118 placed on the bladder when the wearer 110 walks. The flip-flop includes a securing support member 120 connected to the sole member 102 which wraps around the sole member 102 to secure the foot 112 in the flip-flop formed by the sole member 102 connected to the securing support member 120.

[0031] The pouch 204 may retain a memory of a motion of the foot 112 when a material forming the pouch 204 progressively changes permanent shape 114 (e.g., based on the

pressure 118 placed on the pouch 204 filled with the non-evaporative liquid 106) when the wearer 110 walks in any direction (e.g., based on a bending of a material forming the pouch 204 responsive to a motion of the wearer 110). The material forming the pouch 204 may be latex. A thickness of the pouch 204 may be approximately 1 inch thick. The non-evaporative liquid 106 may be a blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water. The blend may eliminate a sound of the non-evaporative liquid 106 swishing around in the pouch 204 when the wearer 110 walks in any direction (e.g., thereby eliminating an undesirable sound of flatulence when the wearer 110 walks that would otherwise be caused by the movement 116 of the non-evaporative liquid 106 within the bladder filled pouch 104 in response to the pressure 118 placed on the bladder filled pouch 104 when the wearer 110 walks).

[0032] The pouch 204 may be covered with a fabric 206 that is heat pressed with glue and/or attached to contours 208 of the sole member 102. The fabric 206 may encapsulate the pouch 204 in the flip-flop, such that the wearer 110 walks on the fabric 206 on the surface of the sole member 102 encapsulating the pouch. The flip-flop may be a liquid filled massaging flip-flop.

[0033] In yet another embodiment, a method includes affixing a bladder filled pouch 104 filled with a non-evaporative liquid 106 affixed on a top surface 108 of a sole member 102 of a sole member 102 on which a wearer 110 of an open-toed sandal 100 rests a foot 112. A shape 114 of the bladder filled pouch 104 contorts as the wearer 110 of the open-toed sandal 100 walks. The contortion of the bladder filled pouch 104 is triggered by a movement 116 of the non-evaporative liquid 106 within the bladder filled pouch 104 in response to a pressure 118 placed on the bladder when the wearer 110 walks. A securing

support member 120 is connected to the sole member 102. The securing support member 120 wraps around the sole member 102 to secure the foot 112 in the open-toed sandal 100. The securing support member 120 is a Y-connection support, a wrap around support, and/or a heel support.

[0034] The bladder filled pouch 104 may retain a memory of a motion of the foot 112 when a material forming the pouch 204 progressively may change permanent shape 114 based on the pressure 118 placed on the bladder filled pouch 104 filled (e.g., with the non-evaporative liquid 106) when the wearer 110 walks in any direction based on a bending of a material forming the bladder filled pouch 104 responsive to a motion of the wearer 110. The material forming the bladder filled pouch 104 may be latex. A thickness of the bladder filled pouch 104 may be approximately 1 inch thick. The non-evaporative liquid 106 may be a blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water. The blend including approximately 96% glycerin, 3% vegetable oil, and/or 1% water may eliminate a sound of the non-evaporative liquid 106 swishing around in the bladder filled pouch 104 when the wearer 110 walks in any direction (e.g., thereby eliminating an undesirable sound of flatulence when the wearer 110 walks that would otherwise be caused by the movement 116 of the non-evaporative liquid 106 within the bladder filled pouch 104 in response to the pressure 118 placed on the bladder filled pouch 104 when the wearer 110 walks).

[0035] The bladder filled pouch 104 may be covered with a fabric 206 that is heat pressed with glue and/or attached to contours 208 of the sole member 102. The fabric 206 may encapsulate the bladder filled pouch 104 in the open-toed sandal 100 (e.g., such that the wearer 110 walks on the fabric 206 on the surface of the sole member 102

encapsulating the bladder filled pouch 104). The open-toed sandal 100 may be a liquid filled massaging flip-flop.

[0036] An open-toed sandal 100 may be a type of shoe that does not cover the ends of a set of human toes, according to one embodiment. The open-toed sandal 100 may be created from leather, fabric, and/or another material, according to one embodiment. The open-toed sandal 100 may be an open type of outdoor footwear including a sole held to the wearer's foot by straps (e.g., belts) passing over the instep and, possibly, around the ankle. People may choose to wear sandals for several reasons, among them economy (sandals tend to require less material than shoes and are usually easier to construct), comfort in warm weather, and/or as a fashion choice. People may wear sandals in warmer climates and/or during warmer parts of the year in order to keep their feet cool and/or dry. The risk of developing athlete's foot (e.g., a fungal infection that usually begins between the toes) may be lower with the open-toed sandal 100 than with enclosed shoes, and the wearing of open-toed sandal 100 may be part of the treatment regimen for such an infection.

[0037] The open-toed sandal 100 may also take the form of a flip flop. The flip flop (also called a thong, a jandal, a plugger, a go-ahead, a slap, a slide, a step-in, a chankla, etc.) may be a type of the open-toed sandal 100 sometimes worn in casual situations, such as outside and/or at the beach. They may include a flat sole held loosely on the foot by a Y-shaped strap that passes between the first and second toes and around either side of the foot. They may also be held to the foot with a single strap over the top of the foot rather than a thong. A sole member 102 may be a base of the open-toed sandal 100, according to one embodiment. A bladder filled pouch 104 may be a distensible membranous sac

(e.g., a thin sheet of natural or synthetic material that may be increased, as in size, volume, expanded, dilated, etc.) that may include the non-evaporative liquid 106, according to one embodiment.

[0038] A non-evaporative liquid 106 may be selected very carefully to ensure desirable attributes, according to one embodiment. In one empirically tested formula, the non-evaporative liquid is preferably a blend that may include approximately 96% glycerin, 3% vegetable oil, and/or 1% water. A top surface 108 may be an upper portion of the open-toed sandal, according to one embodiment. A wearer 110 may be an individual human who puts on (e.g., wears) the open-toed sandal 100, according to one embodiment. A foot 112 may be a lower extremity of a leg below an ankle, on which a person stands and/or walks, according to one embodiment. A shape 114 may be the external form, contours, or outline of a membrane forming the bladder filled pouch 104, according to one embodiment.

[0039] A movement 116 may be a motion and/or act of moving that is taken when the wearer walks, runs, and/or otherwise exerts pressure on the open-toed sandal 100, according to one embodiment. A pressure 118 may be a physical force exerted on or against the open-toed sandal 100 by the foot 112 in contact with it, according to one embodiment. A securing support member 120 may be may be a mechanism by which the sole member 102 and the foot 112 are secured together inside a cavity formed between junctions of supporting members, according to one embodiment. An open toed sandal 100A may be a type of open-toed sandal 100 of **Figure 1** having a Y securing support means, according to one embodiment.

[0040] A section at A-A 200 may be a location at which cross sectional view is illustrated, according to one embodiment. A pouch 204 may be the bladder filled pouch 104 in a form of a small flexible bag, according to one embodiment. Contours 208 may be an outline representing a boundary of the bladder filled pouch 104 to provide ergonomic support for the foot 112, according to one embodiment. A securing support member 220 may be a mechanism by which the sole member 102 and the foot 112 are secured together inside a cavity formed between junctions of supporting members, according to one embodiment. A fabric 206 may be cloth produced using a weaving and/or knitting textile fibers, according to one embodiment. A contortion 300 may be twisting, bending, flexing, and/or distortion of the open-toed sandal 100, according to one embodiment. Layers 302 may be sections of the open-toed sandal 100, according to one embodiment.

[0041] A heel pressure 402 may be a force applied to a back part of the human foot below the ankle, according to one embodiment. In one embodiment, the heel pressure 402 may be exerted by a force of an ankle of the foot 112. A toe pressure 404 may be a force applied by any of the five digits at the end of the foot 112, according to one embodiment. A contortion of the pouch effect 406 may be a change in the open-toed sandal as a result and/or as a consequence of action caused by repeated exertion of pressure on the bladder filled pouch 104 when the wearer 110 creates movement, according to one embodiment. A movement of the non-evaporative liquid effect 408 may be a change inside the bladder filled pouch 104 when the wearer 110 creates movement, according to one embodiment.

[0042] A bending of material effect 410 may be a distortion created in the sole member 102 and/or in the bladder filled pouch 104 when the wearer 110 creates movement, according to one embodiment. An original shape 412 may be an initial shape of the open-toed sandal 100 prior to the wearer 110 exerting a pressure on the open-toed sandal 100, according to one embodiment. A memory shape 414 may be a retained shape of the bladder filled pouch caused by a chemistry of either a material forming the bladder filled pouch 104 and/or the non-evaporative liquid 106, according to one embodiment. A motion of foot effect may be a change created by a movement of the 112, according to one embodiment.

[0043] An example embodiment will now be described. John may have recently entered middle age, attaining the ripe old age of 45. At this age, John may start experiencing significant foot discomfort and heel pain. John may not feel like going for his daily walks as a result. John may gain weight and get depressed. Thankfully, one day, John discovers the wonders of the new liquid filled massaging flip flop (e.g., a type of open-toed sandal 100 having integrated within a layer of fabric a bladder filled pouch 104 filled with the non-evaporative liquid 106). John's foot pain may be relieved. Therefore, John may develop a renewed sense of confidence. In addition, John may begin his daily walks, this time wearing his new liquid filled massaging flip flop providing him with significant comfort while walking.

[0044] The various embodiments of the open-toed sandal 100 of **Figures 1 to 4C** may help to alleviate a number of foot related circulatory and health ailments. For example, the various embodiments of **Figures 1 to 4C** may help to reduce venous stasis, a common disorder that places the general population at risk of deep vein thrombosis, lower

extremity edema, cellulitis, thrombophlebitis, and many other complications of compromised circulation. The embodiments of the open-toed sandal 100 of **Figures 1 to 4C** described herein may provide a valuable method for increasing venous circulation because of the bladder filled pouch 104 having the non-evaporative liquid 106 directly integrated within the open-toed sandal 100 instead of placed on top of it, according to one embodiment. Particularly, motion of the non-evaporative liquid 106 is predictable because it may be integrated directly in the sole member 102, according to one embodiment. The embodiments of the open-toed sandal 100 of **Figures 1 to 4C** may prove particularly beneficial for a number of conditions including inflammation (e.g., Morton's Neuroma), poor circulation, corns, calluses, tired/sore feet, back pain, hip pain, knee pain, and plantar fasciitis, according to one embodiment.

[0045] A number of embodiments have been described. Nevertheless, it will be understood that various modifications may be made without departing from the spirit and scope of the claimed invention. In addition, the logic flows depicted in the figures do not require the particular order shown, or sequential order, to achieve desirable results. In addition, other steps may be provided, or steps may be eliminated, from the described flows, and other components may be added to, or removed from, the described systems. Accordingly, other embodiments are within the scope of the following claims.

[0046] It may be appreciated that the various open-toed sandals disclosed herein may be manufactured and/or implemented using computing technology including software that is stored in a machine-readable medium and/or a machine accessible medium compatible with a data processing system (e.g., a computer system having a processor and memory).

[0047] The structures and modules in the figures may be shown as distinct and communicating with only a few specific structures and not others. The structures may be merged with each other, may perform overlapping functions, and may communicate with other structures not shown to be connected in the figures. Accordingly, the specification and/or drawings may be regarded in an illustrative rather than a restrictive sense.

CLAIMS

What is claimed is:

1. An open-toed sandal, comprising:

a sole member;

a bladder filled pouch filled with a non-evaporative liquid affixed on a top surface of the sole member on which a wearer of the open-toed sandal rests a foot,

wherein a shape of the bladder filled pouch to contort as the wearer of the open-toed sandal walks,

wherein the contortion of the bladder filled pouch is triggered by a movement of the non-evaporative liquid within the bladder filled pouch in response to a pressure placed on the bladder when the wearer walks; and

a securing support member connected to the sole member which wraps around the sole member to secure the foot in the open-toed sandal formed by the sole member connected to the securing support member.

2. The open-toed sandal of claim 1:

wherein the bladder filled pouch to retain a memory of a motion of the foot when a material forming the pouch progressively changes permanent shape based on the pressure placed on the bladder filled pouch filled with the non-evaporative liquid when the wearer walks in any direction based on a bending of a

material forming the bladder filled pouch responsive to a motion of the wearer, and wherein the material forming the bladder filled pouch is latex.

3. The open-toed sandal of claim 2:

wherein a thickness of the bladder filled pouch is approximately 1 inch thick.

4. The open-toed sandal of claim 3 wherein the non-evaporative liquid is a blend comprising approximately 96% glycerin, 3% vegetable oil, and 1% water.

5. The open-toed sandal of claim 4:

wherein the blend comprising approximately 96% glycerin, 3% vegetable oil, and 1% water eliminates a sound of the non-evaporative liquid swishing around in the bladder filled pouch when the wearer walks in any direction, thereby eliminating an undesirable sound of flatulence when the wearer walks that would otherwise be caused by the movement of the non-evaporative liquid within the bladder filled pouch in response to the pressure placed on the bladder filled pouch when the wearer walks.

6. The open-toed sandal of claim 5:

wherein the bladder filled pouch is covered with a fabric that is heat pressed with glue and attached to contours of the sole member, and

wherein the fabric encapsulates the bladder filled pouch in the open-toed sandal, such that the wearer walks on the fabric on the surface of the sole member encapsulating the bladder filled pouch.

7. The open-toed sandal of claim 6:

wherein the open-toed sandal is a liquid filled massaging flip-flop.

8. A flip-flop, comprising:

a sole member;

a pouch filled with a non-evaporative liquid affixed on a top surface of the sole member,

wherein a shape of the pouch to contort as the wearer of the flip-flop walks,

wherein the contortion of the pouch is responsive to a movement of the non-evaporative liquid within the pouch based on a pressure placed on the bladder when the wearer walks; and

a securing support member connected to the sole member which wraps around the sole member to secure the foot in the flip-flop formed by the sole member connected to the securing support member.

9. The flip-flop of claim 8:

wherein the pouch to retain a memory of a motion of the foot when a material forming the pouch progressively changes permanent shape based on the pressure placed on the pouch filled with the non-evaporative liquid when the wearer walks in any direction based on a bending of a material forming the pouch responsive to a motion of the wearer, and

wherein the material forming the pouch is latex.

10. The flip-flop of claim 9:

wherein a thickness of the pouch is approximately 1 inch thick.

11. The flip-flop of claim 10 wherein the non-evaporative liquid is a blend comprising approximately 96% glycerin, 3% vegetable oil, and 1% water.

12. The flip-flop of claim 11:

wherein the blend comprising approximately 96% glycerin, 3% vegetable oil, and 1% water eliminates a sound of the non-

evaporative liquid swishing around in the pouch when the wearer walks in any direction, thereby eliminating an undesirable sound of flatulence when the wearer walks that would otherwise be caused by the movement of the non-evaporative liquid within the pouch in response to the pressure placed on the pouch when the wearer walks.

13. The flip-flop of claim 12:

wherein the pouch is covered with a fabric that is heat pressed with glue and attached to contours of the sole member, and wherein the fabric encapsulates the pouch in the flip-flop, such that the wearer walks on the fabric on the surface of the sole member encapsulating the pouch.

14. The flip-flop of claim 13:

wherein the flip-flop is a liquid filled massaging flip-flop.

15. A method, comprising:

affixing a bladder filled pouch filled with a non-evaporative liquid affixed on a top surface of a sole member of a sole member on which a wearer of an open-toed sandal rests a foot,

wherein a shape of the bladder filled pouch to contort as the wearer of the open-toed sandal walks,

wherein the contortion of the bladder filled pouch is triggered by a movement of the non-evaporative liquid within the bladder filled pouch in response to a pressure placed on the bladder when the wearer walks; and

connecting a securing support member to the sole member which wraps around the sole member to secure the foot in the open-toed sandal formed by the sole member connected to the securing support member,

wherein the securing support member is at least one of a Y-connection support, a wrap around support, and a heel support.

16. The method of claim 15:

wherein the bladder filled pouch to retain a memory of a motion of the foot when a material forming the pouch progressively changes permanent shape based on the pressure placed on the bladder filled pouch filled with the non-evaporative liquid when the wearer walks in any direction based on a bending of a

material forming the bladder filled pouch responsive to a motion of the wearer, and wherein the material forming the bladder filled pouch is latex.

17. The method of claim 16:

wherein a thickness of the bladder filled pouch is approximately 1 inch thick.

18. The method of claim 17:

wherein the non-evaporative liquid is a blend comprising approximately 96% glycerin, 3% vegetable oil, and 1% water, and wherein the blend comprising approximately 96% glycerin, 3% vegetable oil, and 1% water eliminates a sound of the non-evaporative liquid swishing around in the bladder filled pouch when the wearer walks in any direction, thereby eliminating an undesirable sound of flatulence when the wearer walks that would otherwise be caused by the movement of the non-evaporative liquid within the bladder filled pouch in response to the pressure placed on the bladder filled pouch when the wearer walks.

19. The method of claim 18:

wherein the bladder filled pouch is covered with a fabric that is heat pressed with glue and attached to contours of the sole member, and

wherein the fabric encapsulates the bladder filled pouch in the open-toed sandal, such that the wearer walks on the fabric on the surface of the sole member encapsulating the bladder filled pouch.

20. The method of claim 19:

wherein the open-toed sandal is a liquid filled massaging flip-flop.

ABSTRACT OF THE DISCLOSURE

Disclosed is an open-toed sandal with an integrated bladder filled pouch having a non-evaporative liquid composition, according to one embodiment. An open-toed sandal includes a sole member and a bladder filled pouch filled with a non-evaporative liquid affixed on a top surface of the sole member on which a wearer of the open-toed sandal rests a foot. A shape of the bladder filled pouch contorts as the wearer of the open-toed sandal walks. The contortion of the bladder filled pouch is triggered by a movement of the non-evaporative liquid within the bladder filled pouch. A securing support member is connected to the sole member. The securing support member wraps around the sole member to secure the foot in the open-toed sandal. The bladder filled pouch may retain a memory of a motion of the foot based on the pressure placed on the bladder filled pouch filled with the non-evaporative liquid.

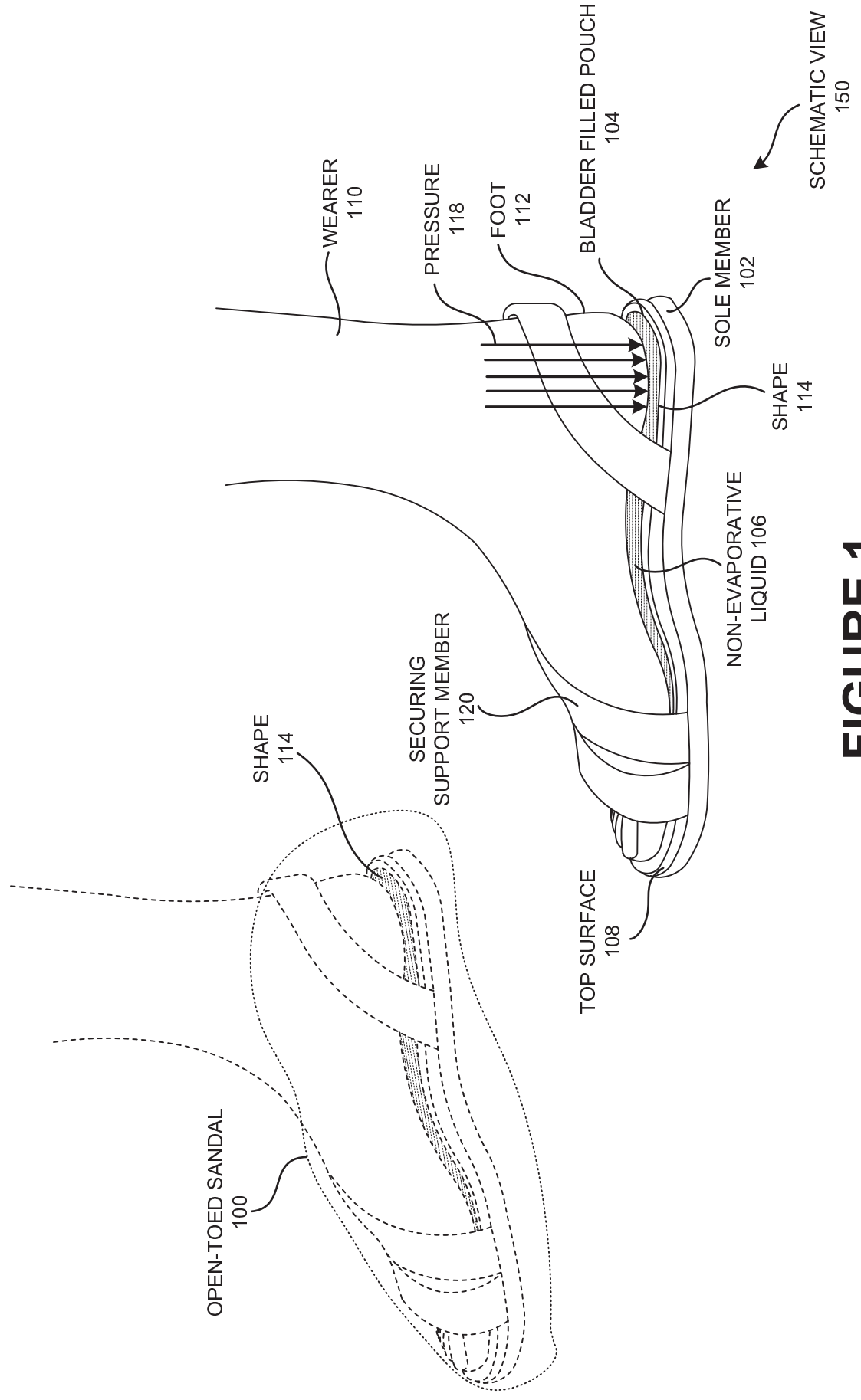


FIGURE 1

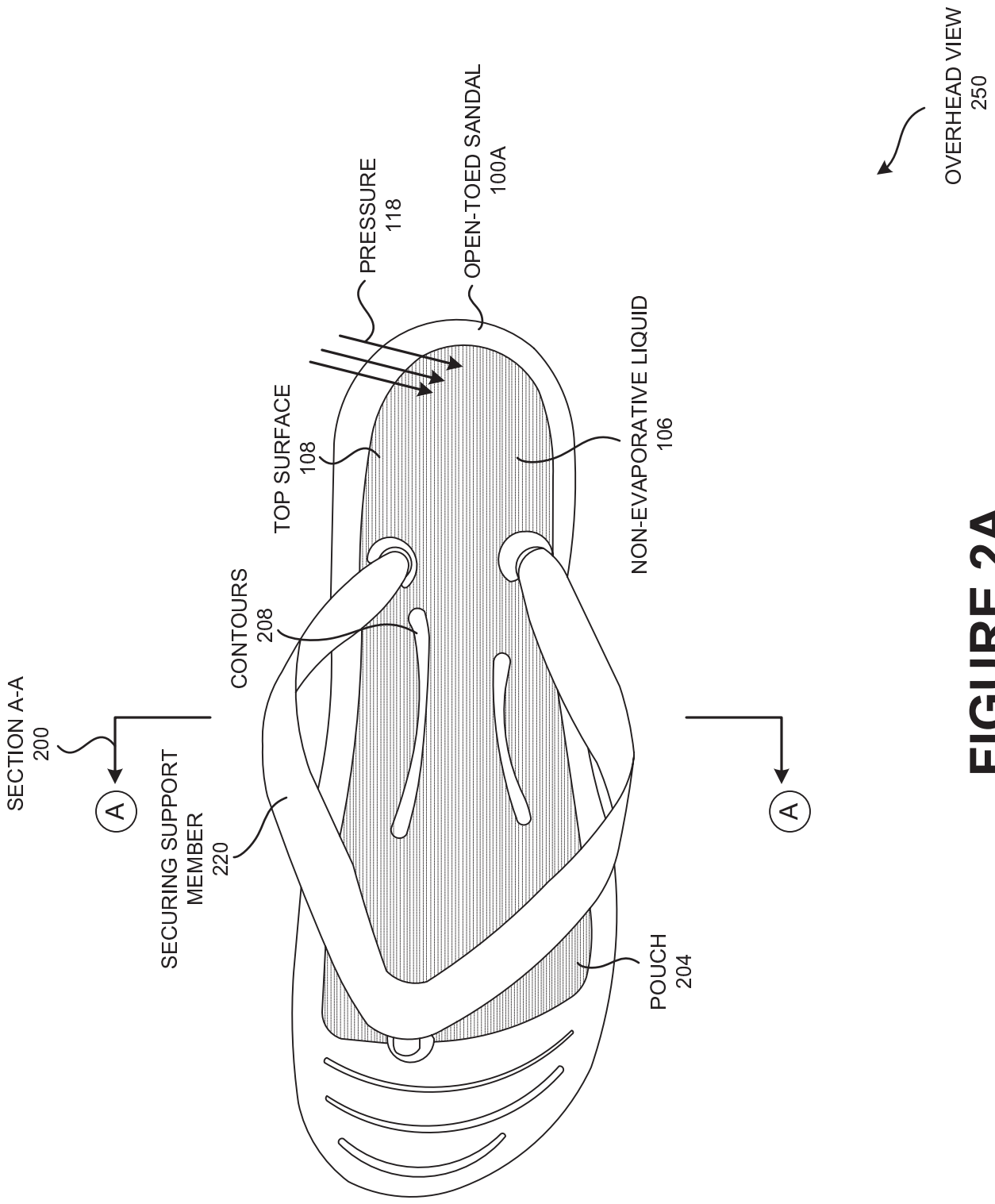


FIGURE 2A

SECTIONAL VIEW
260

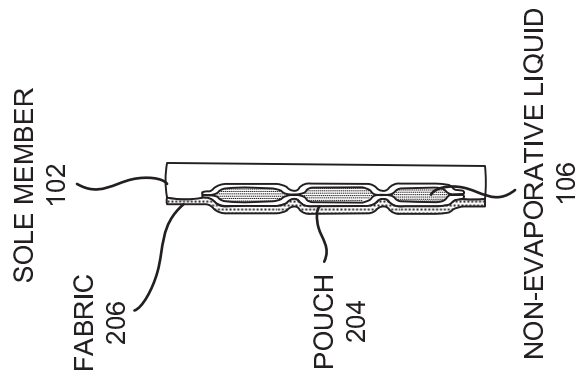
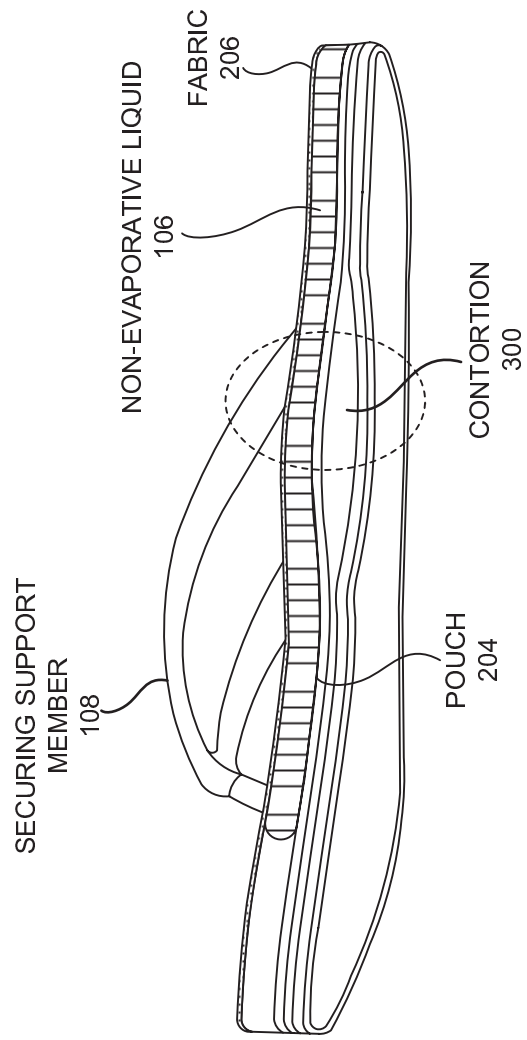


FIGURE 2B



SIDE VIEW
350

FIGURE 3A

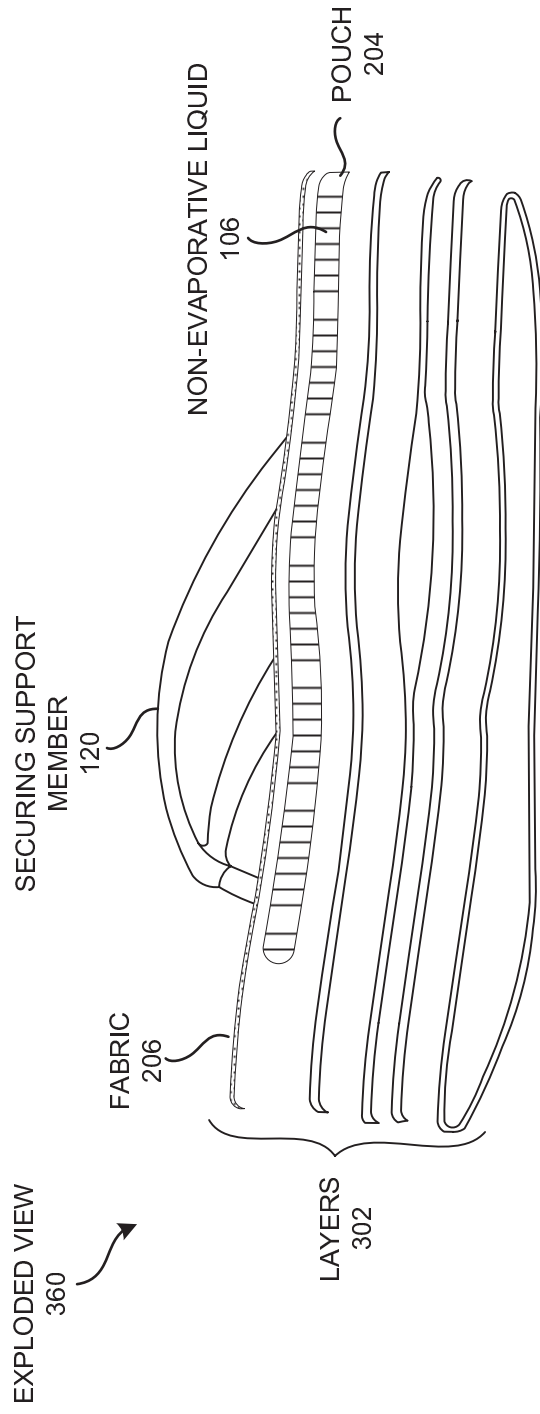


FIGURE 3B

WEARER IN MOTION VIEW

450

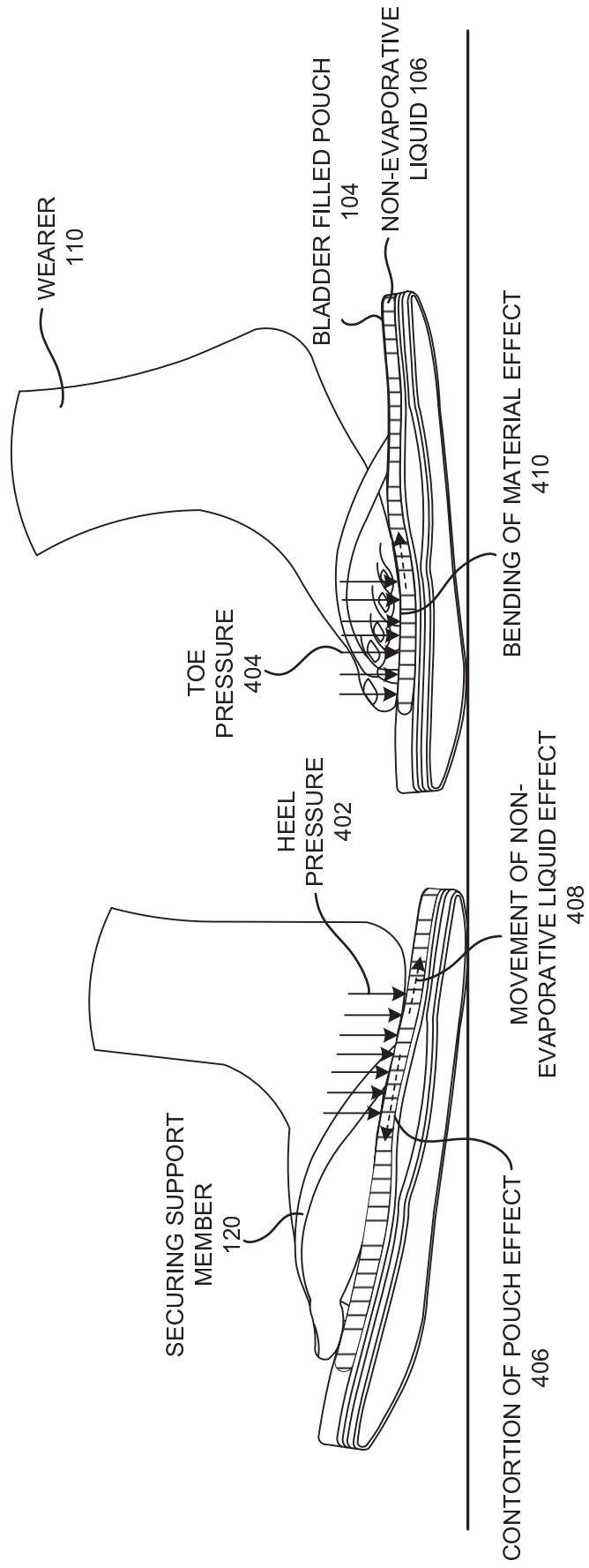


FIGURE 4A

CONTORTION OF POUCH VIEW

460

ORIGINAL SHAPE
412

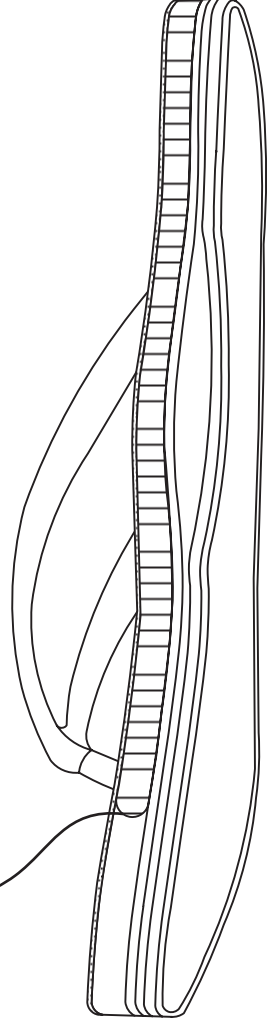


FIGURE 4B

MEMORY SHAPE
414

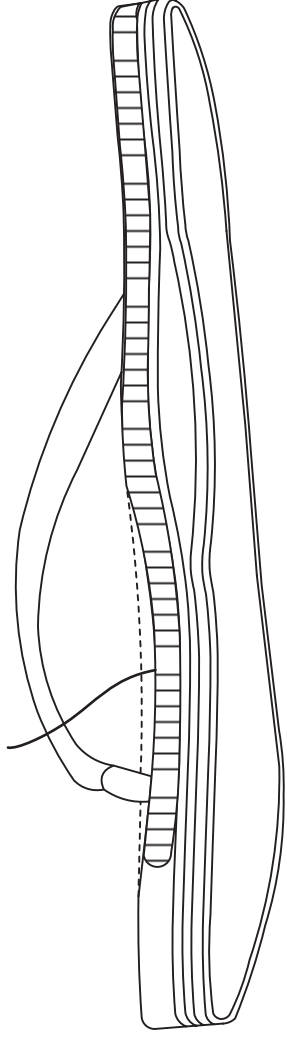


FIGURE 4C

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	OPEN-TOED SANDAL WITH AN INTEGRATED BLADDER FILLED POUCH HAVING A NON-EVAPORATIVE LIQUID COMPOSITION			
First Named Inventor/Applicant Name:	Michael Burch			
Filer:	Raj Vasant Abhyanker/Anjal Dhomane			
Attorney Docket Number:	00252.00010US1			
Filed as Small Entity				
Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Utility filing Fee (Electronic filing)	4011	1	70	70
Utility Search Fee	2111	1	300	300
Utility Examination Fee	2311	1	360	360
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				730