

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

# **CERTIFICATION OF MICRO ENTITY STATUS (GROSS INCOME BASIS)**

Application Number or Control Number (if applicable): <i>14/998,751</i>	Patent Number (if applicable):
First Named Inventor: <i>TOSCA AGNESE LENCI</i>	Title of Invention: <i>BOTTOM BATHER</i>

The applicant hereby certifies the following—

- (1) **SMALL ENTITY REQUIREMENT** – The applicant qualifies as a small entity as defined in 37 CFR 1.27.
- (2) **APPLICATION FILING LIMIT** – Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights, or is obligated to assign all ownership rights, as a result of the applicant's previous employment.
- (3) **GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS** – Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at [http://www.uspto.gov/patents/law/micro\\_entity.jsp](http://www.uspto.gov/patents/law/micro_entity.jsp) which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.
- (4) **GROSS INCOME LIMIT ON PARTIES WITH AN "OWNERSHIP INTEREST"** – Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at [http://www.uspto.gov/patents/law/micro\\_entity.jsp](http://www.uspto.gov/patents/law/micro_entity.jsp) which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

**SIGNATURE** by an authorized party set forth in 37 CFR 1.33(b)

Signature <i>Tosca Agnese Lenzi</i>			
Name <i>TOSCA AGNESE LENCI</i>			
Date <i>2-14-16</i>	Telephone <i>7073431068</i>	Registration No.	
<input type="checkbox"/>	There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. The required additional certification form(s) signed by the other joint inventor(s) are included with this form.		

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***BOTTOM BATHER*

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 14/998,751filed on 2/9/16 (date of Application);2/11/16 (RECEIVED by PTO).

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:

TOSCA LENCI / TOSCA AGNESE LENCI

Date (Optional):

3/14/16

Signature:

*Tosca*

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.**

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<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	
		Application Number	
Title of Invention	Bottom Bather		
<p>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.</p> <p>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.</p>			

## Secrecy Order 37 CFR 5.2

<input type="checkbox"/>	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.)
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## Inventor Information:

Inventor 1 <span style="float: right;">Remove</span>				
Legal Name Tosca Agnese Lenci				
Prefix	Given Name	Middle Name	Family Name	Suffix
Ms.	Tosca	Agnese	Lenci	
Residence Information (Select One) <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service				
City	Sonoma	State/Province	CA	Country of Residence USA
Mailing Address of Inventor:				
Address 1		620 Calle del Monte		
Address 2				
City	Sonoma	State/Province	CA	
Postal Code	95476	Country	USA	
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button. <span style="float: right;">Add</span>				

## Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).	
<input checked="" type="checkbox"/> An Address is being provided for the correspondence information of this application.	
Customer Number	
Email Address	<span style="float: right;">Add Email Remove Email</span>

## Application Information:

Title of the Invention	Bottom Bather		
Attorney Docket Number	-	Small Entity Status Claimed	<input type="checkbox"/>
Application Type	General/Non-Provisional Utility		
Subject Matter	Human Necessities		
Total Number of Drawing Sheets (if any)	2 (initial)	Suggested Figure for Publication (if any)	N/A
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.

<b>Application Data Sheet 37 CFR 1.76</b>	Attorney Docket Number	
	Application Number	
Title of Invention	Bottom Bather	

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:

<input type="checkbox"/> Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/> <b>Request Not to Publish.</b> 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:

<p>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.</p>			
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			

### 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			<a href="#">Remove</a>
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)

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.

<b>Application Data Sheet 37 CFR 1.76</b>	Attorney Docket Number	
	Application Number	
Title of Invention	Bottom Bather	

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)<sup>1</sup> 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).

			<input type="button" value="Remove"/>
Application Number	Country <sup>1</sup>	Filing Date (YYYY-MM-DD)	Access Code <sup>1</sup> (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:

<input type="checkbox"/>	Authorization to Permit Access to the Instant Application by the Participating Offices
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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.

<b>Application Data Sheet 37 CFR 1.76</b>	Attorney Docket Number	
	Application Number	
Title of Invention		

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.

☐ Assignee

☐ Legal Representative under 35 U.S.C. 117

☐ Joint Inventor

☐ Person to whom the inventor is obligated to assign.

☐ 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:

If the Applicant is an Organization check here. ☐

Prefix	Given Name	Middle Name	Family Name	Suffix

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.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	
		Application Number	
Title of Invention	Bottom Bather		

<b>Mailing Address Information For Applicant:</b>			
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.

<b>Assignee 1</b>				
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

<b>Mailing Address Information For Assignee including Non-Applicant Assignee:</b>			
Address 1			
Address 2			
City		State/Province	
Country		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.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	
		Application Number	
Title of Invention	<i>Bottom PATHER</i>		

**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	<i>Tosca</i>		Date (YYYY-MM-DD)	<i>2-9-2016</i>
First Name	<i>TOSCA</i>	Last Name	<i>LENCI</i>	Registration Number
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.**

**SPECIFICATION**

*See Amended  
3/14/16  
beneath →*

**TITLE OF INVENTION**

0001. Bottom Bather. Urogenital and perineal bathing and soaker basin seat.

[Inventor, Tosca Lenci, U.S. citizen--residence, 620 Calle del Monte, Sonoma, CA 95476.]

**CROSS REFERENCE TO RELATED APPLICATIONS**

0002. Not Applicable.

**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**

0003. Not Applicable.

**REFERENCE TO SEQUENCE LISTING**

0004. Not Applicable.

**BACKGROUND OF INVENTION**

0005. This concept arose from inventor's hands-on experiences with aging family members and observations in nursing homes related to realistic practical, efficient assistance in caring for aged and/or disabled bodies lacking autonomous control of bladder and bowel functioning. It embraces (1) primary hygienic advantages for cleansing and treating genitalia, perineum, inner buttocks, and anus in situations of incontinence; (2) safely enables convenient and medically healing soaking as well as cleansing, when a full bath is unmanageably unsafe due to physical incapacities; (3) seatedly accommodates full showering with water wand when installed in a shower stall; (4) can be constructed also simply for use over a toilet, into which it then would drain, and filled by a nearby water wand from tub or shower; and (5) obviates difficulties of "walk-in" bath tubs as to waiting for filling and body chilling while emptying.

0006. B. Invention pertains to the Human Necessities category, which includes the following classifications:

A47C CHAIRS, shower stall seats (A47C 7/02, seat adaptation parts).

A47K SANITARY EQUIPMENT NOT OTHERWISE PROVIDED FOR; TOILET ACCESSORIES--connections to water supply or waste pipe (A47K 3/12, 3/28).

A61 HYGIENE

A61G Basin soaking seat for urogenital cleansing and soaking.

A61J TOILET PURPOSES—administration of water-soluble disinfectants and/or curing treatments for skin and tissue irritations or infections of targeted areas (A61J 3/00).

#### BRIEF SUMMARY OF THE INVENTION

0007. "Bottom Bather" is a basin seat with self-drain and optional self water supply, installed in a shower stall or as a chair to place over a toilet. If a self-water supply is not incorporated, a shower water wand would supply water to fill basin if Bottom Bather is installed in a shower stall, or a nearby bathtub or shower water wand would supply water to fill basin if the toilet chair is utilized). Bottom Bather also can be modified in its construction for installation in a bathtub.

In whatever its form, the unit most efficiently and conveniently augments cleanliness and maintenance of hygiene in cases of elderly and/or disabled individuals with bladder and/or bowel incontinence, also for treatment of related conditions such as infections and associated skin and tissue problems—altogether, effecting general and specific perineal hygiene and health. Bottom Bather obviates laborious sponge-bathing or frequently-repeated, difficult full showering, as well as waits for "walk-in" tub filling and emptying. It also obviates laborious sponge-cleansing *in situ*, by care-giving and nursing staff, and especially reduces laundering of soiling linens.

#### BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

[Note: More formal drawings in process, when complete, will be added to this filing by form PTO/SB21,] Herewith:

0008. ~~Drawing~~ Figure 1:

Figure 1-A -- Bottom Bather basin seat designed for tubular-post-supported construction.

Figure 1-B -- Bottom Bather basin seat of solid 'pedestal' form consisting of various possible compositions (ceramic, stone, etc.).

#### DETAILED DESCRIPTION OF THE INVENTION

0010. Bottom Bather basin *installation* requires only standard, prefabricated plumbing piping and drainage parts.

0011. Order of carrying out invention depends on the model chosen, determining whether:

(1a) construction is to be part of a completely new shower stall construction, added to an existing stall, replace an existing simple seat in an existing stall, or as an over-the-toilet unit.

(1b) Determine whether Bottom Bather basin will utilize a self-water supply or be filled by a shower or bath tub water wand.

(1c) Determine whether bottom bather basin will be supported upon legs (such as tubular aluminum or steel --*Drawing Figure A*), or whether basin will be atop of and part of a solid base seat (such as ceramic or stone--*Drawing Figure B*).

(1d) If solid seat base with basin is intended (*Drawing Figure B*), obtain manufacture of plumbing-adaptable unit with appropriately-sized basin, interior drain pipe, and applied arm rests.

(1e) If leg-supported, secure supply or production of adaptable basin of suitable material, and appropriate fittings, etc. for legs and arm rests.

(1f) Secure all requisite standard piping and assembly parts for chosen model and operation, including connections for drainage and, if intended, for self-water supply for basin.

(2) Prepare flooring area to receive delivery of basin drain pipe to shower stall drain. If self-water supply for basin is intended, prepare wall and/or floor areas for planned pipe conveyance of water from bathroom main water source to basin spigot. If a solid base is used, measure and mark place at subfloor where drainage extension from base will meet piping to main drain.

(3) Assembling and positioning "Bottom Bather."

(a) If leg-supported unit (*Figure A*) measure proper seating height of unit legs and affix to basin seat. Construct and affix arm rests of material identical to leg supports. If in a shower stall, measure and construct pipe from basin drain down to meet sub-floor piping that will lead to main shower drain. Measure appropriate sub-floor length of piping to run from end of basin drain pipe to shower stall drain..

*(Figure 1-B)*

(b) If solid seat and base, measure and construct sub-floor piping from bottom of base interior drain pipe to meet main shower drain. Complete connections.

(c) If self-supply water source is planned, construct piping from main shower water source to, and install basin spigot.

Note: per instructions, the next section begins on a new sheet.

## CLAIM(S)

Bottom Bather is a unique basin-seat unit with self-drain and optional self-water supply, installable in a shower stall or as a separate unit, for cleansing and medical soaking of the body's genito-uro and perineal regions, primarily important as to elderly and disabled individuals subject to bladder and bowel incontinence. It also permits if so constructed, concomitant full showering with shower water wand.

Bottom Bather further allows efficient disinfecting and skin treatments; obviates major expense and drawbacks of "walk-in" tub installations.

"Bottom Bather" is not to be confused with "bidets" of varying constructions, which do not allow hygienic or medical soaking but utilize only direct water application via differently-adapted nozzles, and require changes in user's bodily position to accommodate cleansing.

### BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING.

FIGURE 1A - Bottom Bather basin supported by legs installed in stall and also showing drain pipe omission (1C) if constructed as a over-toilet chair.

1A (1) = basin.

1A (2) = basin drain.

1A (3) = drain pipe from basin drain to sub-floor main drain piping; omitted if unit is constructed as an over-toilet chair.

1A (4) = basin supporting legs.

1A (5) = arm rests.

1A (6) = sub-floor pipe to main drain if shower stall install.

1A (7) = spigot/faucet if self-water supply is incorporated in a stall installation.

FIGURE 1B - A solid Bottom Bather unit constructed in shower stall.

1B(1) = basin interior, exterior, and solid base.

1B(2) = basin drain.

1B(3) = interior drain pipe.

1B(4) = arm rests.

1B(5) = sub-floor pipe to main drain.

1B(6) = spigot/faucet if self-water supply is incorporated in the installation.

Note: per instructions, the next section begins on a new sheet.

#### ABSTRACT OF THE DISCLOSURE

This invention named "Bottom Bather" is a basin seat for a shower stall, has its own drain, can be filled by shower wand or provided with self water supply. It also is modifiable for installation in a bathtub.

*J. L. Lacey*

2-9-2011

## **SPECIFICATION - AMENDED**

### **TITLE OF INVENTION**

0001. Bottom Bather. Urogenital and perineal bathing and soaker basin seat.

[Inventor, Tosca Lenci, U.S. citizen--residence, 620 Calle del Monte, Sonoma, CA 95476.]

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0010. Bottom Bather basin *installation* requires only standard, prefabricated plumbing piping and drainage parts.

0011. Order of carrying out invention depends on the model chosen, determining whether:

(1a) construction is to be part of a completely new shower stall construction, added to an existing stall, replace an existing simple seat in an existing stall, or as an over-the-toilet unit.

(1b) Determine whether Bottom Bather basin will utilize a self-water supply or be filled by a shower or bath tub water wand.

(1c) Determine whether bottom bather basin will be supported upon legs (such as tubular aluminum or steel --Drawing Figure 1-A), or whether basin will be atop of and part of a solid base seat (such as ceramic or stone--Drawing Figure 1-B).

(1d) If solid seat base with basin is intended (Drawing Figure 1-B), obtain manufacture of plumbing-adaptable unit with appropriately-sized basin, interior drain pipe, and applied arm rests.

(1e) If leg-supported, secure supply or production of adaptable basin of suitable material, and appropriate fittings, etc. for legs and arm rests.

(1f) Secure all requisite standard piping and assembly parts for chosen model and operation, including connections for drainage and, if intended, for self-water supply for basin.

(2) Prepare flooring area to receive delivery of basin drain pipe to shower stall drain. If self-water supply for basin is intended, prepare wall and/or floor areas for planned pipe conveyance of water from bathroom main water source to basin spigot. If a solid base is used, measure and mark place at subfloor where drainage extension from base will meet piping to main drain.

(3) Assembling and positioning "Bottom Bather."

(a) If leg-supported unit (Figure 1-A) measure proper seating height of unit legs and affix to basin seat. Construct and affix arm rests of material identical to leg supports. If in a shower stall, measure and construct pipe from basin drain down to meet sub-floor piping that

will lead to main shower drain. Measure appropriate sub-floor length of piping to run from end of basin drain pipe to shower stall drain..

(b) If solid seat and base (Figure 1-B), measure and construct sub-floor piping from bottom of base interior drain pipe to meet main shower drain. Complete connections.

(c) If self-supply water source is planned, construct piping from main shower water source to, and install basin spigot.

Note: per instructions, the next section begins on a new sheet.

## CLAIM(S)

Bottom Bather is a unique basin-seat unit with self-drain and optional self-water supply, permanently installable in a shower stall or as a separate placeable unit in a shower stall, for cleansing and medical soaking of the body's genito-uro and perineal regions, primarily important as to elderly and disabled individuals subject to bladder and bowel incontinence. It also permits a seated occupant to obtain full showering concomitantly with shower water wand.

Bottom Bather further allows efficient disinfecting and skin treatments; obviates major expense and drawbacks of "walk-in" tub installations.

"Bottom Bather" is not to be confused with "bidets" of varying constructions, which do not allow hygienic or medical soaking but utilize only direct water application via differently-adapted nozzles, and require changes in user's bodily position to accommodate cleansing.

## BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING.

FIGURE 1-A - Bottom Bather basin supported by legs installed in stall and also showing drain pipe omission (1C) if constructed as a over-toilet chair.

1-A (1) = basin.

1-A (2) = basin drain.

1-A (3) = drain pipe from basin drain to sub-floor main drain piping.; omitted if unit is constructed as an over-toilet chair.

1-A (4) = basin supporting legs.

1-A (5) = arm rests.

1-A (6) = sub-floor pipe to main drain if shower stall install.

1-A (7) = spigot/faucet if self-water supply is incorporated in a stall installation.

FIGURE 1-B – A solid Bottom Bather unit constructed in shower stall.

1-B(1) = basin interior, exterior, and solid base.

1-B(2) = basin drain.

1-B(3) = interior drain pipe.

1-B(4) = arm rests.

1-B(5) = sub-floor pipe to main drain.

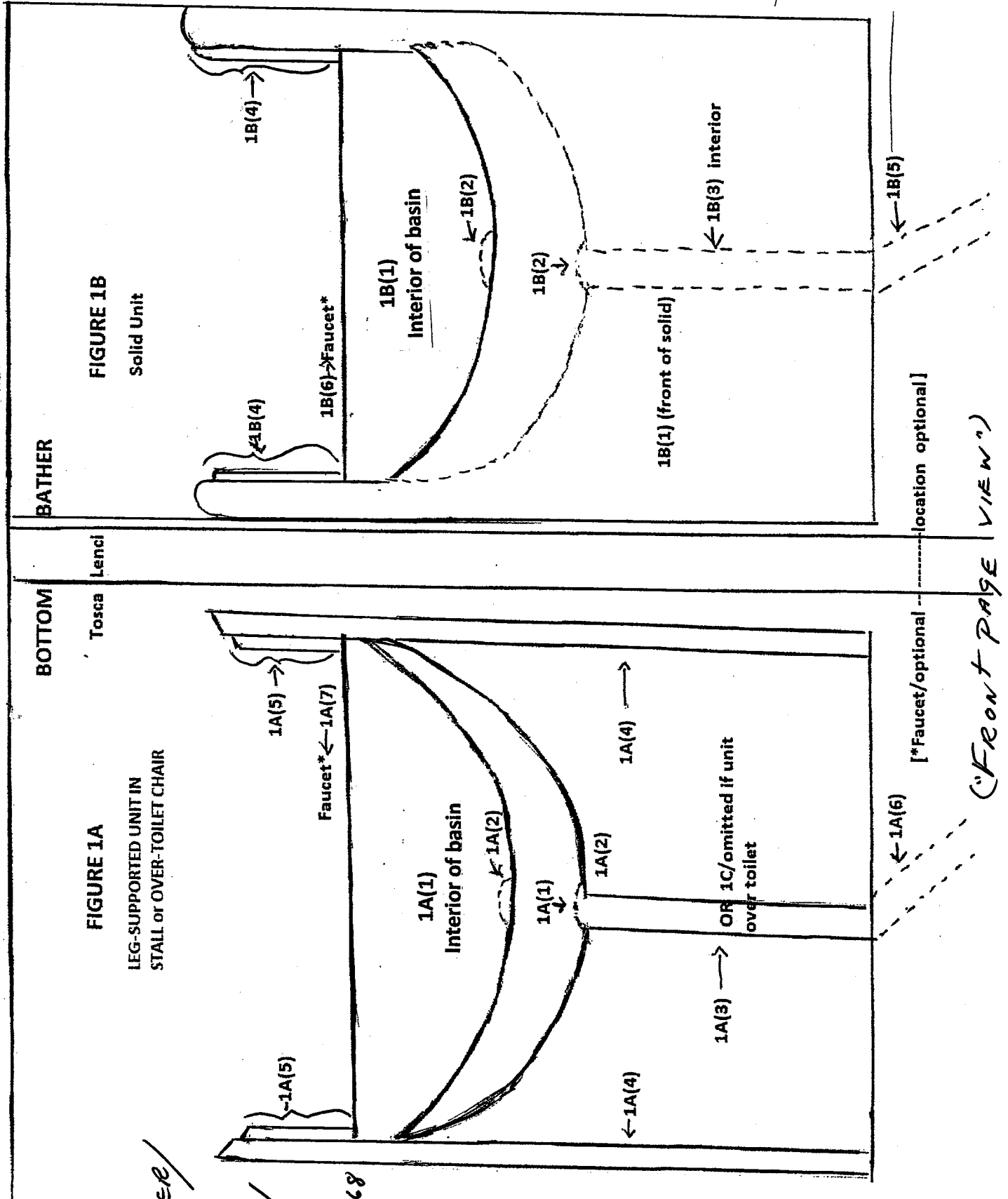
1-B(6) = spigot/faucet if self-water supply is incorporated in the installation.

Note: per instructions, the next section begins on a new sheet.

#### ABSTRACT OF THE DISCLOSURE

This invention named "Bottom Bather" is a basin seat for a shower stall, has its own drain, can be filled by shower wand or provided with self water supply. It also is modifiable for installation in a bathtub.

DRAWING  
FIGURE 1



1  
("Front Page VIEW")

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1  
*Shenai*  
2-14-2016

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FEE TRANSMITTAL		Complete if known	
<input type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27.		Application Number	
<input checked="" type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.		Filing Date	
TOTAL AMOUNT OF PAYMENT (\$)		First Named Inventor	
600.00		Examiner Name	
		Art Unit	
		Practitioner Docket No.	

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☐ Deposit Account Deposit Account Number: \_\_\_\_\_ Deposit Account Name: \_\_\_\_\_

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## FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES (U = undiscounted fee; S = small entity fee; M = micro entity fee)

Application Type	FILING FEES			SEARCH FEES			EXAMINATION FEES			Fees Paid (\$)
	U (\$)	S (\$)	M (\$)	U (\$)	S (\$)	M (\$)	U (\$)	S (\$)	M (\$)	
Utility	280	140*	70	600	300	150	720	360	180	4000
Design	180	90	45	120	60	30	460	230	115	
Plant	180	90	45	380	190	95	580	290	145	
Reissue	280	140	70	600	300	150	2,160	1,080	540	
Provisional	260	130	65	0	0	0	0	0	0	

\* The \$140 small entity status filing fee for a utility application is further reduced to \$70 for a small entity status applicant who files the application via EFSWeb.

## 2. EXCESS CLAIM FEES

Fee Description	Undiscounted Fee (\$)	Small Entity Fee (\$)	Micro Entity Fee (\$)
Each claim over 20 (including Reissues)	80	40	20
Each independent claim over 3 (including Reissues)	420	210	105
Multiple dependent claims	780	390	195
Total Claims			
Extra Claims	Fee (\$)	Fee Paid (\$)	
-20 or HP =	x		
HP = highest number of total claims paid for, if greater than 20.			
Indep. Claims	Fee (\$)	Fee Paid (\$)	
-3 or HP =	x		
HP = highest number of independent claims paid for, if greater than 3.			

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$400 (\$200 for small entity) (\$100 for micro entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fees Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

## 4. OTHER FEES

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Other (e.g., late filing surcharge): \_\_\_\_\_

## SUBMITTED BY

Signature	<i>Tosca Lenzi</i>	Registration No. (Attorney/Agent)	Telephone
Name (Print/Type)	TOSCA LENZI	Date	707-343-1068 2/9/2016

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# Patents/Notice. Pub.

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## Bibliographic Data

Application Number:	14/998,751	Correspondence Address Customer Number:	-
Filing or 371 (c) Date:	02-11-2016	Status:	Non Final Action Mailed
Application Type:	Utility	Status Date:	04-05-2017
Examiner Name:	NGUYEN, TUAN N	Location: 	ELECTRONIC
Group Art Unit:	3754	Location Date:	-
Confirmation Number:	7850	Earliest Publication No:	US 2017-0231866 A1
Attorney Docket Number:	-	Earliest Publication Date:	08-17-2017
Class / Subclass:	004/444	Patent Number:	-
First Named Inventor:	-	Issue Date of Patent:	-
First Named Applicant:	-	International Registration Number (Hague):	-
Entity Status:	Micro	International Registration Publication Date:	-
AIA (First Inventor to File):	Yes		
TITLE OF INVENTION:	BOTTOM BATHER		



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Confirmation Number:	7850	Earliest Publication No:	US 2017-0231866 A1
Attorney Docket Number:	-	Earliest Publication Date:	08-17-2017
Class / Subclass:	004/444	Patent Number:	-
First Named Inventor:	-	Issue Date of Patent:	-
First Named Applicant:	-	International Registration Number (Hague):	-
Entity Status:	Micro	International Registration Publication Date:	-
AIA (First Inventor to File):	Yes		

TITLE OF INVENTION: BOTTOM BATHER