

082306  
16138 U.S. PTO

11/509421  
082306

# UTILITY PATENT APPLICATION TRANSMITTAL

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Attorney Docket No.	MPW 3M1
First Inventor	Albert L. Arendt
Title	<small>BLOW-MOLDED WHEELS HAVING UNDERCUT TREADS, METHODS FOR PRODUCING THE SAME, AND CHILDREN'S RIDE-ON VEHICLES INCLUDING THE SAME</small>
Express Mail Label No.	EV380368735US

## APPLICATION ELEMENTS

*See MPEP chapter 600 concerning utility patent application contents.*

**ADDRESS TO:** Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

1.  **Fee Transmittal Form** (e.g., PTO/SB/17) (in duplicate)  
*(Submit an original and a duplicate for fee processing)*
2.  **Applicant claims small entity status.**  
See 37 CFR 1.27.
3.  **Specification** [Total Pages 55]  
Both the claims and abstract must start on a new page  
*(For information on the preferred arrangement, see MPEP 608.01(a))*
4.  **Drawing(s)** (35 U.S.C. 113) [Total Sheets 6]
5. **Oath or Declaration** [Total Sheets 2]  
 a.  **Newly executed (original or copy)**  
 b.  **A copy from a prior application (37 CFR 1.63(d))**  
*(for continuation/divisional with Box 18 completed)*  
 i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s)  
 name in the prior application, see 37 CFR  
 1.63(d)(2) and 1.33(b).  
 6.  **Application Data Sheet.** See 37 CFR 1.76  
 7.  **CD-ROM or CD-R** in duplicate, large table or  
 Computer Program (Appendix)  
 Landscape Table on CD  
 8. **Nucleotide and/or Amino Acid Sequence Submission**  
*(if applicable, items a. - c. are required)*  
 a.  Computer Readable Form (CRF)  
 b. **Specification Sequence Listing on:**  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  Paper  
 c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  **Assignment Papers** (cover sheet & document(s))  
Name of Assignee \_\_\_\_\_
10.  **37 CFR 3.73(b) Statement**  **Power of Attorney**  
*(when there is an assignee)* *(with copy of assignment attached)*
11.  **English Translation Document** (if applicable)
12.  **Information Disclosure Statement** (PTO/SB/08 or PTO-1449)  
 Copies of citations attached  
*(Copies of 10 foreign/non-patent references attached)*
13.  **Preliminary Amendment**
14.  **Return Receipt Postcard** (MPEP 503)  
*(Should be specifically itemized)*
15.  **Certified Copy of Priority Document(s)**  
*(if foreign priority is claimed)*
16.  **Nonpublication Request** under 35 U.S.C. 122(b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or equivalent.
17.  **Other:** \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: .....

Prior application information:      Examiner: \_\_\_\_\_      Art Unit: \_\_\_\_\_

## 19. CORRESPONDENCE ADDRESS

The address associated with Customer Number: 23581      OR       Correspondence address below

Name	David S. D'Ascenzo		
Address	Kolisch Hartwell, P.C. 520 S.W. Yamhill Street, Suite 200		
City	Portland	State	Oregon
		Zip Code	97204
Country	United States	Telephone	(503) 224-6655
		Email	
Signature			Date
			August 23, 2006
Name (Print/Type)	David S. D'Ascenzo		Registration No. (Attorney/Agent)
			39,952

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		Application Number	
		Filing Date	August 23, 2006
		First Named Inventor	Albert L. Arendt
		Examiner Name	
		Art Unit	
		Attorney Docket No.	MPW 3M1
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27			
<b>TOTAL AMOUNT OF PAYMENT</b>	(\$)	1900.00	

**METHOD OF PAYMENT** (check all that apply)

Check  
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  Other (please identify): \_\_\_\_\_

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 Deposit Account Number: 11-1540  
 Deposit Account Name: Kolisch Hartwell, P.C.

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	1000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**    **Multiple Dependent Claims**  
38 - 20 or HP = 18 x 50.00 = 900.00    **Fee (\$)**    **Fee Paid (\$)**

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**Indep. Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**  
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**3. APPLICATION SIZE FEE**

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**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)    **Fees Paid (\$)**

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

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	39,952	Telephone (503) 224-6655
Name (Print/Type)	David S. D'Ascenzo			Date August 23, 2006

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City	Portland	State	Oregon	Zip Code	97204
Country	United States	Telephone	(503) 224-6655	Email	
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<b>SUBMITTED BY</b>		
Signature	Registration No. <u>39,952</u> (Attorney/Agent)	Telephone (503) 224-6655
Name (Print/Type) <u>David S. D'Ascenzo</u>	Date <u>August 23, 2006</u>	

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**BLOW-MOLDED WHEELS HAVING UNDERCUT TREADS, METHODS FOR PRODUCING THE SAME, AND CHILDREN'S RIDE-ON VEHICLES INCLUDING THE SAME**

5

Field of the Disclosure

The present disclosure relates to children's ride-on vehicles, and more particularly to blow-molded wheels for children's ride-on vehicles and methods for producing the same.

Background of the Disclosure

10 Children's ride-on vehicles are reduced-scale vehicles that are designed and

sized for use by children. For example, children's ride-on vehicles include a seat adapted to accommodate one or more children as well as steering and drive assemblies

that are adapted to be operated by a child sitting on the seat. The drive assembly is adapted to drive the rotation of one or more of the vehicle's wheels and may include a

15 battery-powered motor assembly or a manually powered drive assembly, such as a pedal-powered drive assembly.

The wheels used on children's ride-on vehicles are often blow-molded from a suitable material, such as a plastic. Blow-molded wheels are conventionally formed

20 portions of the mold collectively define a cavity that defines, or corresponds to, the shape of the blow-molded wheels, including the tread surface. The seam, or part line,

between the axially-separating mold portions typically defines, or corresponds to, the central circumferential portion of the wheel. During the blow-molding process, a parison

of molten plastic is introduced into the mold cavity and a pressurized gas, such as air, is

25 used to force the molten plastic against the internal surface of the cavity in order to form

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