# Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2659668

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

# **CONVEYING PARTY DATA**

Name	Execution Date	
T.F.H. PUBLICATIONS, INC.	12/05/2013	

# **RECEIVING PARTY DATA**

Name:	SUNTRUST BANK, AS ADMINISTRATIVE AGENT
Street Address:	303 PEACHTREE STREET
Internal Address:	23RD FLOOR
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308

### PROPERTY NUMBERS Total: 106

Property Type	Number
Application Number:	12573614
Application Number:	13897894
Application Number:	13545408
Application Number:	12398907
Application Number:	13026099
Application Number:	13026201
Application Number:	13770967
Application Number:	13179606
Application Number:	12793372
Application Number:	13097410
Application Number:	13280862
Application Number:	11198881
Application Number:	13341761
Application Number:	13127626
	DATENT

PATENT "

REEL: 031869 FRAME: 0033

Application Number:	13026721
Application Number:	13893469
Application Number:	11670375
Application Number:	12422544
Application Number:	12470371
Application Number:	29335512
Application Number:	13472287
Application Number:	13472106
Application Number:	13428279
Application Number:	13900868
Application Number:	13340131
Application Number:	12339973
Patent Number:	6928953
Patent Number:	7107930
Patent Number:	7455031
Patent Number:	6200616
Patent Number:	D503998
Patent Number:	7691426
Patent Number:	7332188
Patent Number:	7694653
Patent Number:	8215267
Patent Number:	7087260
Patent Number:	7490579
Patent Number:	7958846
Patent Number:	D540496
Patent Number:	D564714
Patent Number:	6098571
Patent Number:	7288275
Patent Number:	6585888
Patent Number:	7874266
Patent Number:	6821538
Patent Number:	D433778
Patent Number:	5941197
Patent Number:	D462487
Patent Number:	7730853
	PATENT

	7814864
Patent Number:	6990927
Patent Number:	8227007
Patent Number:	8231920
Patent Number:	D529667
Patent Number:	7930996
Patent Number:	8066311
Patent Number:	6126978
Patent Number:	8182855
Patent Number:	D635309
Patent Number:	5950568
Patent Number:	7021242
Patent Number:	7201116
Patent Number:	7455032
Patent Number:	7025019
Patent Number:	7347164
Patent Number:	8235008
Patent Number:	6586027
Patent Number:	6916497
Patent Number:	6180161
Patent Number:	6093441
Patent Number:	6086940
Patent Number:	6067941
Patent Number:	6274182
Patent Number:	7691315
Patent Number:	6944421
Patent Number:	5776523
Patent Number:	7063868
Patent Number:	7208084
Patent Number:	7335298
Patent Number:	8257775
Patent Number:	5476069
Patent Number:	7691424
Patent Number:	8211346
Patent Number:	6131534
	PATENT

	D534331
Patent Number:	D569077
Patent Number:	7810455
Patent Number:	7950353
Patent Number:	D553808
Patent Number:	D531365
Patent Number:	7851001
Patent Number:	8124156
Patent Number:	7360504
Patent Number:	7452929
Patent Number:	D636948
Patent Number:	6863030
Patent Number:	7959905
Patent Number:	D636949
Patent Number:	7647894
Patent Number:	6056991
Patent Number:	D638589
Patent Number:	6093427
Patent Number:	6110521
Application Number:	09227767
Application Number:	08738423
Application Number:	13286016

### **CORRESPONDENCE DATA**

**Fax Number**: (404)581-8330 **Phone**: 404-581-8275

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Correspondent Name: SIDNEY R. BROWN, JONES DAY Address Line 1: 1420 PEACHTREE STREET, NE

Address Line 2: SUITE 800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	566957-640047
NAME OF SUBMITTER:	SIDNEY R. BROWN
Signature:	/Sidney R. Brown/
Date:	12/24/2013 <b>PATENT</b>

REEL: 031869 FRAME: 0036

# Total Attachments: 11 source=Patent Security Agreement-T.F.H#page1.tif source=Patent Security Agreement-T.F.H#page2.tif source=Patent Security Agreement-T.F.H#page3.tif source=Patent Security Agreement-T.F.H#page4.tif source=Patent Security Agreement-T.F.H#page5.tif source=Patent Security Agreement-T.F.H#page6.tif source=Patent Security Agreement-T.F.H#page7.tif source=Patent Security Agreement-T.F.H#page8.tif source=Patent Security Agreement-T.F.H#page9.tif source=Patent Security Agreement-T.F.H#page10.tif source=Patent Security Agreement-T.F.H#page11.tif

### PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT, dated as of December 5, 2013 (this "<u>Agreement</u>"), is made by T.F.H. PUBLICATIONS, INC., a Delaware corporation (the "<u>Grantor</u>"), in favor of SUNTRUST BANK, as administrative agent (in such capacity, together with its successors and permitted assigns, the "<u>Administrative Agent</u>") for the Secured Parties (as defined in the Security Agreement referred to below).

WHEREAS, the Grantor and certain of its affiliates, the lenders from time to time parties thereto (the "Lenders"), the issuing bank party thereto and the Administrative Agent have entered into a Credit Agreement, dated as of the date hereof (as amended, restated, supplemented, replaced, increased, refinanced or otherwise modified from time to time, the "Credit Agreement");

WHEREAS, in connection with the Credit Agreement, the Grantor and certain of its affiliates have entered into the Security Agreement, dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"), in favor of the Administrative Agent for the benefit of the Secured Parties; and

**WHEREAS**, the Security Agreement requires the Grantor to execute and deliver this Agreement;

- **NOW, THEREFORE**, in consideration of the premises and in order to ensure compliance with the Credit Agreement, the Grantor hereby agrees as follows:
- **SECTION 1.** <u>Defined Terms</u>. Capitalized terms used herein without definition are used as defined in the Security Agreement.
- **SECTION 2.** Grant of Security Interest in Patent Collateral. The Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations of the Grantor, hereby mortgages, pledges and hypothecates to the Administrative Agent for the benefit of the Secured Parties, and grants to the Administrative Agent for the benefit of the Secured Parties a Lien on and security interest in, all of its right, title and interest in, to and under the following Collateral (the "Patent Collateral"):
- (i) all of its Patents and all Patent Licenses providing for the grant by or to the Grantor of any right under any Patent, including, without limitation, those referred to on Schedule I hereto;
- (ii) all reissues, reexaminations, continuations, continuations-in-part, divisions, renewals and extensions of the foregoing; and
- (iii) all income, royalties, proceeds and liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including, without limitation, all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

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- **SECTION 3.** Security Agreement. The security interest granted pursuant to this Agreement is granted in conjunction with the security interest granted to the Administrative Agent pursuant to the Security Agreement, and the Grantor hereby acknowledges and agrees that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.
- **SECTION 4.** Grantor Remains Liable. The Grantor hereby agrees that, anything herein to the contrary notwithstanding, the Grantor shall assume full and complete responsibility for the prosecution, defense, enforcement or any other necessary or desirable actions in connection with its Patents and Patent Licenses subject to a security interest hereunder.
- **SECTION 5.** Counterparts. This Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.
- **SECTION 6.** Governing Law. This Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

[Signature Page Follows]

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IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

T.F.H. PUBLICATIONS, INC.

By:

Name: Lori A. Varlas

Title: Assistant Secretary

[T.F.H. PUBLICATIONS – PATENT SECURITY AGREEMENT]

Acknowledged and Agreed to as of the date hereof:

ADMINISTRATIVE AGENT:

SUNTRUST BANK

Name:

Name: William 8445

Title: DIRECTM

[T.F.H. PUBLICATIONS - PATENT SECURITY AGREEMENT]

# Patents and Patent Licenses

# REGISTERED PATENTS, PATENT APPLICATIONS, & PATENT LICENSES

Patent Title	Country	Patent Number	Provisional #	Pat. App. #	Filing Date	Provisional Filing Date	Issue Date	Expiration Date
3-D Continuous Shaping Of Edible- Based Extrudates	USA	12/573,614	10/5/2009	N/A	N/A	N/A	N/A	N/A
3-D Continuous Shaping Of Edible- Based Extrudates	USA	N/A	N/A	13/897,894	5/20/2013	N/A	N/A	N/A
Adjustable Cage Feeder	USA	6,928,953 B2	N/A	N/A	N/A	N/A	8/16/2005	7/26/2022
Adjustable Cage Feeder	USA	7,107,930 B2	N/A	N/A	N/A	N/A	9/19/2006	7/26/2022
Adjustable Cage Feeder	USA	7,455,031 b2	N/A	N/A	N/A	N/A	11/25/2008	5/27/2025
Animal Chew	USA	6200616	N/A	N/A	N/A	N/A	3/13/2001	4/30/2019
Animal Chew	USA	D503,998 S	N/A	N/A	N/A	N/A	4/12/2005	4/12/2019
Animal Chew Combining Edible Resin And Rawhide	USA	7691426	N/A	N/A	N/A	N/A	4/6/2010	9/23/2028
Animal Chew Containing Fermented Soyfood	USA	7332188	N/A	N/A	N/A	N/A	2/19/2008	2/16/2025
Animal Chew Containing Hard and Soft Chewing Surfaces	USA	7694653	N/A	N/A	N/A	N/A	4/13/2010	3/25/2026
Animal Chew Formed of Interwoven Strips of Edible Resin	USA	N/A	N/A	13/545,408	7/10/2012	N/A	N/A	N/A
Animal Chew Formed of Interwoven Strips of Edible Resin	USA	8215267	N/A	N/A	N/A	N/A	7/10/2012	8/6/2030
Animal Chew Having Exposed Regions Of Different Hardness	USA	N/A	N/A	12/398,907	3/5/2009	N/A	N/A	N/A
Animal Chew Including Interchangeable Components	USA	N/A	N/A	13/026,099	2/11/2011	N/A	N/A	N/A

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Datent Title	Co	Datant Number	Provisional	Dat Ann #	Filing	Provisional	Icono Data	Expiration
Patent Title Animal Chew Toy with Flossing Ribs/Projections	Country USA	Patent Number 7087260	# N/A	Pat. App. # N/A	Date N/A	Filing Date N/A	8/8/2006	Date 4/21/2023
Animal Chew With Cylindrical Portion	USA	7,490,579 B2	N/A	N/A	N/A	N/A	2/17/2009	11/22/2024
Animal Chew with Varying Durability Components	USA	N/A	N/A	13/026,201	2/14/2011	N/A	N/A	N/A
Animal Habitat	USA	N/A	N/A	13/770,967	2/19/2013	N/A	N/A	N/A
Animal Litter Device	USA	7958846	N/A	N/A	N/A	N/A	6/14/2011	5/10/2025
Animal Rubber Toy	USA	D540,496	N/A	N/A	N/A	N/A	4/10/2007	4/10/2021
Animal Rubber Toy	USA	D564,714	N/A	N/A	N/A	N/A	3/18/2008	8/13/2024
Animal Treat Dispensing Toy	USA	6098571	N/A	N/A	N/A	N/A	8/8/2000	10/16/2018
Apparatus and Process for Forming Pet Treats	USA	7,288,275 B2	N/A	N/A	N/A	N/A	10/30/2007	1/8/2024
AQUARIUM FILTER MEDIA INCLUDING NANOFIBERS	USA	N/A	61495338	13/179,606	7/11/2011	6/9/2011	N/A	N/A
Aquarium Filter System	USA	6585888	N/A	N/A	N/A	N/A	7/1/2003	6/1/2021
Articulating Chew Toy	USA	N/A	N/A	12/793,372	6/3/2010	N/A	N/A	N/A
Articulating Chew Toy Having a Noise Mechanism	USA	N/A	N/A	13/097,410	4/29/2011	N/A	N/A	N/A
ASCOPHYLLUM NODOSUM ANIMAL CHEWS	USA	N/A	N/A	13/280,862	10/25/2011	N/A	N/A	N/A
Biodegradable Waste Pad Or Litter Including Nutrients For Microbial Populations	USA	7,874,266	N/A	N/A	N/A	N/A	1/25/2011	7/8/2029
Blends Of Starch And Aliphatic- Aromatic Based Polyester Resins	USA	6821538	N/A	N/A	N/A	N/A	11/23/2004	7/9/2022

Patent Title	Country	Patent Number	Provisional #	Pat. App. #	Filing Date	Provisional Filing Date	Issue Date	Expiration Date
Bone-Simulating Dog Chew Toy	USA	D433,778	N/A	N/A	N/A	N/A	11/14/2000	11/14/2014
Carrot-Based Dog Chew	USA	5941197	N/A	N/A	N/A	N/A	8/24/1999	1/17/2017
Chew Toy For Dogs	USA	D462,487	N/A	N/A	N/A	N/A	9/3/2002	9/3/2016
Chew Toy with Fabric or Fabric Layering	USA	7730853	N/A	N/A	N/A	N/A	6/8/2010	6/25/2028
Chew Toy With Fabric or Fabric Layering	USA	7814864	N/A	N/A	N/A	N/A	10/19/2010	11/1/2027
Collapsible Pet Treat	USA	6,990,927 B2	N/A	N/A	N/A	N/A	1/31/2006	6/22/2024
COMPOSITIONS FOR IMPROVING THE ORAL HEALTH OF ANIMALS, METHODS USING SAME, AND PET TREATS INCORPORATING THE SAME	USA	N/A	N/A	13/286,016	10/31/2011	N/A	N/A	N/A
Direct Melt Processing of Resins	USA	8227007	N/A	N/A	N/A	N/A	7/24/2012	8/5/2025
Direct Melt Processing of Resins	USA	8231920	N/A	N/A	N/A	N/A	7/31/2012	6/27/2028
Direct Starch Molding	USA	N/A	N/A	11/198,881	8/5/2005	N/A	N/A	N/A
DISPENSING TOY FOR ANIMALS	USA	N/A	N/A	13/341,761	12/30/2011	N/A	N/A	N/A
Dog Chew	USA	D529,667	N/A	N/A	N/A	N/A	10/3/2006	10/3/2020
Durable Bone With Soft Core	USA	N/A	N/A	13/127,626	5/4/2011	N/A	N/A	N/A
Durable Bone With Soft Core	USA	7930996	N/A	N/A	N/A	N/A	4/26/2011	1/31/2029
Easy Cleaning Pooper Scooper	USA	8066311	N/A	N/A	N/A	N/A	11/29/2011	8/17/2029
Edible Dog Chew	USA	6126978	N/A	N/A	N/A	N/A	10/3/2000	8/21/2018
Efficient Drying of Molded Animal Chews	USA	N/A	N/A	13/026,721	2/14/2011	N/A	N/A	N/A

Patent Title	Country	Patent Number	Provisional #	Pat. App. #	Filing Date	Provisional Filing Date	Issue Date	Expiration Date
Fish Food Containing Fermented Soyfood	USA	8182855	N/A	N/A	N/A	N/A	5/22/2012	8/18/2025
Floppy Pet Chew	USA	D635309	N/A	N/A	N/A	N/A	3/29/2011	3/29/2025
Foldable/Collapsible Structure	USA	5950568	N/A	N/A	N/A	N/A	9/14/1999	2/22/2019
Foldable/Collapsible Structure	USA	7,021,242 B2	N/A	N/A	N/A	N/A	4/4/2006	12/19/2023
Foldable/Collapsible Structure	USA	7,201,116 B2	N/A	N/A	N/A	N/A	4/10/2007	11/10/2024
Foldable/Collapsible Structure	USA	7,455,032 B2	N/A	N/A	N/A	N/A	11/25/2008	5/2/2024
Foldable/Collapsible Structures	USA	7025019	N/A	N/A	N/A	N/A	4/11/2006	1/9/2022
Foldable/Collapsible Structures	USA	7347164	N/A	N/A	N/A	N/A	3/25/2008	3/1/2025
Foldable/Collapsible Structures	USA	8235008	N/A	N/A	N/A	N/A	8/7/2012	1/30/2030
Health Chew Toy	USA	6,586,027 B2	N/A	N/A	N/A	N/A	7/1/2003	2/23/2021
Health Chew Toy	USA	6916497	N/A	N/A	N/A	N/A	7/12/2005	3/5/2022
Heat Modifiable Edible Dog Chew	USA	6180161	N/A	N/A	N/A	N/A	1/30/2001	7/14/2018
Heat Modifiable Peanut Dog Chew	USA	6093441	N/A	N/A	N/A	N/A	7/25/2000	7/15/2018
High Starch Content Dog Chew	USA	6086940	N/A	N/A	N/A	N/A	7/11/2000	12/19/2017
Improved Animal Chew	USA	6067941	N/A	N/A	N/A	N/A	5/30/2000	5/3/2019
Improved Animal Chew	USA	6274182	N/A	N/A	N/A	N/A	8/14/2001	11/19/2019
Injection Mold Having Cavities In Series	USA	7691315	N/A	N/A	N/A	N/A	4/6/2010	6/6/2028
Light Emitting Diode Array for Enhancing Appearance of Fish	USA	N/A	N/A	13/893,469	5/14/2013	N/A	N/A	N/A
Method And Apparatus For Providing Training Information Regarding A Pet	USA	6944421	N/A	N/A	N/A	N/A	9/13/2005	11/15/2022

Destroy Will-	Committee	Dataset M	Provisional	Dat A "	Filing	Provisional	Inma Bar	Expiration
Patent Title Method for	Country USA	Patent Number 5776523	# N/A	Pat. App. # N/A	Date N/A	Filing Date N/A	7/7/1998	Date 12/27/2016
Preserving Baits	USA	5770525	IN/A	IV/A	IN/A	IN/A	11111330	12/2//2010
Method of Molding Edible Starch	USA	6,159,516	N/A	9227767	1/8/1999	N/A	12/12/2000	1/8/2019
Method of Removing Molded Natural Resins From Molds Utilizing Lifter Bars	USA	7,063,868 B2	N/A	N/A	N/A	N/A	6/20/2006	4/29/2024
Modular Aquarium Filter	USA	7,208,084 B2	N/A	N/A	N/A	N/A	4/24/2007	5/13/2025
Modular Aquarium Filter	USA	7335298	N/A	N/A	N/A	N/A	2/26/2008	9/7/2024
Molded Meat Jerky	USA	8394438	N/A	11670375	2/1/2007	N/A	3/12/2013	2/14/2032
Molded Products Based Upon Textured Vegetable Protein	USA	8257775	N/A	N/A	N/A	N/A	9/4/2012	2/16/2030
Molded Rawhide Chew Toy	USA	5476069	N/A	N/A	12/19/1995	N/A		9/22/2014
Multi Layer Extrusion	USA	N/A	N/A	12/422,544	4/13/2009	N/A	N/A	N/A
Multi Layer Extrusion Including Animal Deterrent	USA	N/A	N/A	12/470,371	5/21/2009	N/A	N/A	N/A
Nutritional Supplement	USA	7691424	N/A	N/A	N/A	N/A	4/6/2010	5/2/2028
Paw-Shaped Toy	USA	8211346	N/A	N/A	N/A	N/A	7/3/2012	8/29/2030
Pet Carrier	USA	6131534	N/A	N/A	N/A	N/A	10/17/2000	6/16/2019
PET CHEW	USA	D534,331	N/A	N/A	N/A	N/A	1/2/2007	1/2/2021
PET CHEW	USA	D569,077	N/A	N/A	N/A	N/A	5/20/2008	5/20/2022
PET CHEW (Souper Bone)	USA	N/A	N/A	29/335,512	4/16/2009	N/A	N/A	N/A
Pet Chew Forming Apparatus for Drug Dispensing, Methods of Forming Pet Chew Products and Pet Chew Products Thereof	USA	N/A	N/A	13/472,287	5/15/2012	N/A	N/A	N/A

Patent Title	Country	Patent Number	Provisional #	Pat. App. #	Filing Date	Provisional Filing Date	Issue Date	Expiration Date
Pet Chew Including Compressible Central Portion	USA	7810455	N/A	N/A	N/A	N/A	10/12/2010	2/20/2028
Pet Chew Product Containing Natural Animal Fibers, Methods of Manufacture and Use Thereof	USA	N/A	N/A	13/472,106	5/15/2012	N/A	N/A	N/A
PET CHEW TOY PRODUCT	USA	N/A	N/A	13/428,279	3/23/2012	N/A	N/A	N/A
Pet Chew Toys of Rubber and Polyamide, and Methods of Manufacture Thereof	USA	N/A	N/A	13/900,868	5/23/2013	N/A	N/A	N/A
Pet Chew With Rigid Hollow Base And Fabric Elements	USA	7950353	N/A	N/A	N/A	N/A	5/31/2011	5/28/2026
PET CHEW	USA	D553,808	N/A	N/A	N/A	N/A	10/23/2007	10/23/2021
Pet Chew	USA	D531,365 S	N/A	N/A	N/A	N/A	10/31/2006	10/31/2020
Pet Chews Having Internal And External Materials Of Different Rigidity	USA	7851001	N/A	N/A	N/A	N/A	12/14/2010	12/15/2028
Pet Toy Device Dispensing an Article Providing the Scent of the Owner	USA	N/A	N/A	13/340,131	12/29/2011	N/A	N/A	N/A
Process for Forming Multi-Layered Pet Treats	USA	8124156	N/A	N/A	N/A	N/A	2/28/2012	11/18/2028
Process for Making an Edible Dog Chew	USA	5,827,565	N/A	8738423	10/25/1996	N/A	10/27/1998	10/25/2016
Radiopaque Animal Chew	USA	7,360,504 B2	N/A	N/A	N/A	N/A	4/22/2008	8/2/2024
Radiopaque Animal Chew	USA	7,452,929 B2	N/A	N/A	N/A	N/A	11/18/2008	3/17/2023
Receiver Pet Chew	USA	D636,948	N/A	N/A	N/A	N/A	4/26/2011	4/26/2025
Roll-Top Pet Carrier	USA	6863030	N/A	N/A	N/A	N/A	3/8/2005	1/22/2023

Patent Title	Country	Patent Number	Provisional #	Pat. App. #	Filing Date	Provisional Filing Date	Issue Date	Expiration Date
Rubber-Fiber Hybrid	USA	8413611	N/A	12/339,973	12/19/2008	N/A	4/9/2013	10/22/2026
Tamanu Oil Products	USA	7959905	N/A	N/A	N/A	N/A	6/14/2011	4/14/2030
Teething Pet Chew	USA	D636,949	N/A	N/A	N/A	N/A	4/26/2011	4/26/2025
Treat Holder For Pets	USA	7647894	N/A	N/A	N/A	N/A	1/19/2010	8/30/2025
Turkey And Rice Dog Chew With Modifiable Texture	USA	6056991	N/A	N/A	N/A	N/A	5/2/2000	5/2/2020
Twisting Barrel Pet Chew	USA	D638,589	N/A	N/A	N/A	N/A	5/24/2011	5/24/2025
Vegetable-Based Dog Chew	USA	6093427	N/A	N/A	N/A	N/A	7/25/2000	9/3/2017
Wheat And Casein Dog Chew With Modifiable Texture	USA	6110521	N/A	N/A	N/A	N/A	8/29/2000	7/15/2018

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**RECORDED: 12/24/2013**