

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Charles W. Ergen	09/28/2005
Michael T. Dugan	08/17/2005
David A. Kummer	07/07/2005
William M. Beals	07/11/2005
Daniel L. Rudolph	07/20/2005
Mark H. Gomez	07/20/2005
H. Gregg Martch	07/20/2005
Adam C. Morzos	07/18/2005

RECEIVING PARTY DATA

Name:	EchoStar Satellite L.L.C.
Street Address:	9601 South Meridian Boulevard
City:	Englewood
State/Country:	COLORADO
Postal Code:	80112

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	12897699
Application Number:	12897719
Application Number:	12897733

CORRESPONDENCE DATA

Fax Number: (303)629-3450

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 303-629-3435

Email: brown.valerie@dorsey.com

Correspondent Name: Valerie H. Brown

Address Line 1: 1400 Wewatta Street

501469844

PATENT  
REEL: 025970 FRAME: 0830

CH \$120.00 12897699

Address Line 2: Suite 400  
Address Line 4: Denver, COLORADO 80202-5549

ATTORNEY DOCKET NUMBER:	P219319.US.03.04.05
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NAME OF SUBMITTER:	Valerie H. Brown
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**Total Attachments: 9**

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**ASSIGNMENT**

WHEREAS, we, Charles W. Ergen, residing at 90 Inverness Circle East, Englewood, CO 80112, Michael T. Dugan, residing at 7539 East Inspiration Drive, Parker, CO 80138, David A. Kummer, residing at 8947 South Green Meadows Lane, Highlands Ranch, CO 80126, William M. Beals, residing at 5962 South Ironton Court, Englewood, Colorado 80111, Daniel L. Rudolph, residing at 2175 Kahala Cir., Castle Rock, CO 80104, Mark H. Gomez, residing at 21585 Hill Gail Way, Parker, CO 80138, H. Gregg Martch, residing at 27857 Silver Meadow Lane, Parker, CO 80138 and Adam C. Morzos, residing at 5343 Territorial St., Parker, CO 80134, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on April 29, 2005, application Serial No. 11/118,462 which is entitled METHODS AND APPARATUS FOR SIMPLIFIED REMOTE CONTROL OPERATION OF COMPONENTS.

AND WHEREAS, EchoStar Satellite, LLC, a corporation organized and existing under and by virtue of the laws of the State of Colorado, and having an office and place of business at 9601 South Meridian Blvd., Englewood, CO 80112 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28<sup>th</sup> day of September, 2005.

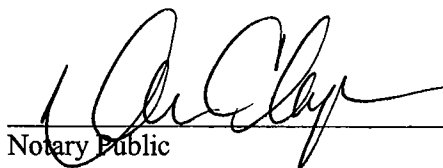
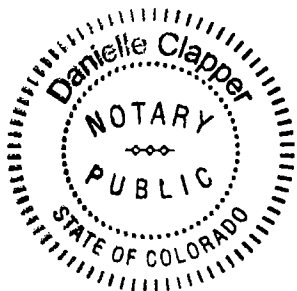


Charles W. Ergen

STATE OF Colorado )  
COUNTY OF Douglas ) ss.

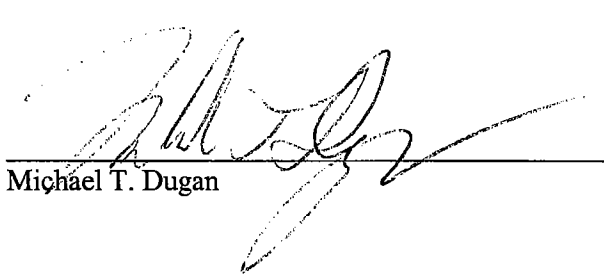
On this 28<sup>th</sup> day of September, 2005, before me personally appeared Charles W. Ergen to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

  
Notary Public

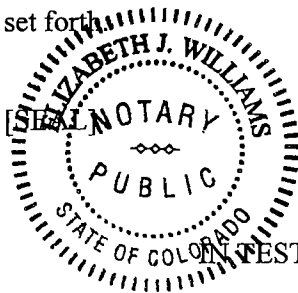
Danielle Clapper  
Notary Public  
State of Colorado  
My commission expires 09/08/08

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17<sup>th</sup> day of AUGUST, 2005

  
\_\_\_\_\_  
Michael T. Dugan

STATE OF COLORADO )  
 ) ss.  
COUNTY OF DOUGLAS )

On this 17<sup>th</sup> day of AUGUST, 2005, before me personally appeared Michael T. Dugan to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



  
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
David A. Kummer

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared David A. Kummer to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Michael T. Dugan

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_, before me personally appeared Michael T. Dugan to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

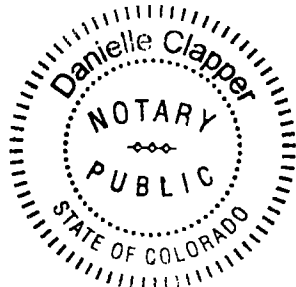
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7<sup>th</sup> day of July, 2005.

David A. Kummer  
David A. Kummer

STATE OF Colorado )  
 ) ss.  
COUNTY OF Arapahoe )

On this 7<sup>th</sup> day of July, 2005, before me personally appeared David A. Kummer to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Danielle Clapper  
Notary Public

Danielle Clapper  
Notary Public  
State of Colorado  
My commission expires 09/08/08

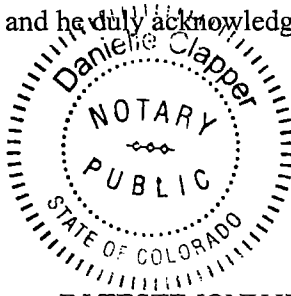
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11th day of July, 2005

William M. Beals  
William M. Beals

STATE OF Colorado )  
COUNTY OF Douglas ) ss.

On this 11th day of July, 2005, before me personally appeared William M. Beals to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Danielle Clapper  
Notary Public  
State of Colorado  
My commission expires 09/08/08

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Daniel L. Rudolph

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Daniel L. Rudolph to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

\_\_\_\_\_, 20\_\_\_\_.

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William M. Beals

STATE OF \_\_\_\_\_ )


COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared William M. Beals to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20<sup>th</sup> day of July, 2005

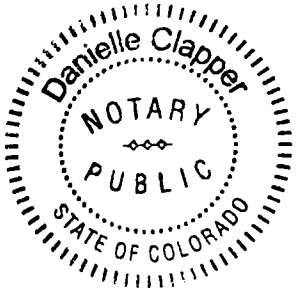
  
Daniel L. Rudolph


STATE OF Colorado )

COUNTY OF Arapahoe ) ss.  
 )

On this 20 day of July, 2005, before me personally appeared Daniel L. Rudolph to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



  
Notary Public

Danielle Clapper  
Notary Public  
State of Colorado  
My commission expires 09/08/08



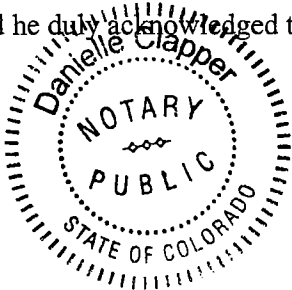
IN TESTIMONY WHEREOF, I have hereunto set my hand this 26<sup>th</sup> day of July, 2005.

Mark H. Gomez  
Mark H. Gomez

STATE OF Colorado )  
COUNTY OF Arapahoe ) ss.

On this 20 day of July, 2005, before me personally appeared Mark H. Gomez to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Danielle Clapper  
Notary Public

Danielle Clapper  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 26<sup>th</sup> day of July, 2005.  
My commission expires 09/08/08

H. Gregg Martch  
H. Gregg Martch

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared H. Gregg Martch to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Mark H. Gomez

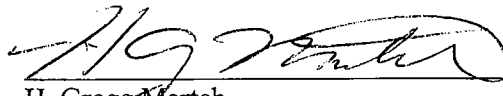
STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally appeared Mark H. Gomez to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

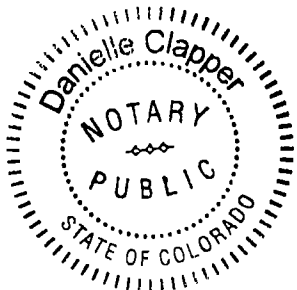
IN TESTIMONY WHEREOF, I have hereunto set my hand this 20<sup>th</sup> day of July, 2005.

  
H. Gregg Martch

STATE OF Colorado )  
 ) ss.  
COUNTY OF Arapahoe )

On this 20 day of July, 2005, before me personally appeared H. Gregg Martch to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



  
Notary Public

Danielle Clapper  
Notary Public  
State of Colorado  
My commission expires 09/08/08

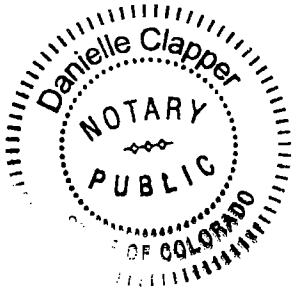
IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of July, 2005.

Adam C Morzos  
Adam C. Morzos

STATE OF Colorado )  
COUNTY OF Douglas ) ss.

On this 18 day of July, 2005 before me personally appeared Adam C. Morzos to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Danielle Clapper  
Notary Public

Danielle Clapper  
Notary Public  
State of Colorado  
My commission expires 09/08/08