

07-05-2007

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103422494

To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below.

1. Name of conveying party(ies)DAVID J. KUETHER - JUNE 28, 2007
STEVEN M. SCHEIN - JUNE 28, 2007
RICK ROSNER - JUNE 21, 2007
JOSHUA T. MORENSTEIN - MAY 18, 2007Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 6-28-07, 6-21-07, 5-18-07

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: THE DIRECTV GROUP, INC.

Internal Address: CA / LA1 / A109

P.O. BOX 956

Street Address: 2230 E. IMPERIAL HIGHWAY

City: EL SEGUNDO

State: CALIFORNIA

Country: USA Zip: 90245-0956

Additional name(s) & address(es) attached? ☐ Yes ☐ No**4. Application or patent number(s):**

A. Patent Application No.(s)

SERIAL NO: 29/271,003 - FILED: JANUARY 6, 2007

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: THE DIRECTV GROUP, INC.

Internal Address: CA / LA1 / A109

P.O. BOX 956

Street Address: 2230 E. IMPERIAL HIGHWAY

City: EL SEGUNDO

State: CALIFORNIA Zip: 90245-0956

Phone Number: 310-964-4615

Fax Number: 310-964-0941

Email Address: GSGRUNEBACH@DIRECTV.COM

6. Total number of applications and patents involved: ONE (1)**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-0383

Authorized User Name Georgann S. Grunebach

9. Signature:

Signature

JUNE 29, 2007
Date

GEORGANN S. GRUNEBACH, REGISTRATION NO. 33,179

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 019521 FRAME: 0720

INVENTOR(S)		
Given Name (first and middle (if any))	Family Name or Surname	Execution Date
PICHAYA	PUTTORNGUL	May 18 2007
NAOYA	EDAHIRO	May 18, 2007

- 1a -

RECORDATION COVER SHEET – Continuation Page



ASSIGNMENT

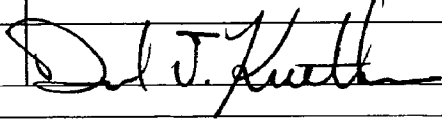
Page 1 of 4
PD-206089

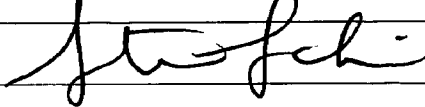
WHEREAS, We, DAVID J. KUETHER, STEVEN M. SCHEIN, RICK ROSNER, JOSHUA T. MORENSTEIN, PICHAYA PUTTORNGUL, AND NAOYA EDAHIRO, as below named joint inventors, of the city and state as stated below next to our names, have designed a **REMOTE CONTROL** for which application for Design Patent of the United States has been executed by us on this day, or (if the following is completed) filed on January 6, 2007 as Serial No. 29/271,003.

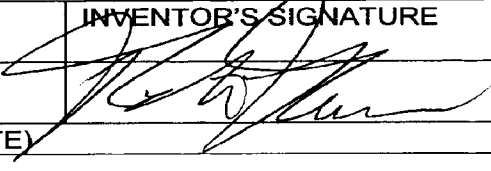
WHEREAS, The DIRECTV Group, Inc. (hereinafter referred to as the "Company"), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said design, said application and any and all Design Patent that may be granted therefore in the United States and throughout the world;

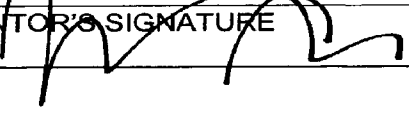
NOW, THEREFORE, in consideration of the obligations voluntarily assumed by us and set forth in an invention agreement between us and our employer, effective the date as stated below next to our names, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer to the Company, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said design designed by us, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Design Patent that may be granted therefore in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Design Patent in the United States and throughout the world for the full term or terms for which said Design Patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Design Patent to said Company, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to the Company, its successors, assigns or other legal representatives, upon request and at no cost or expense to us, any facts known by us respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by the Company, its successors, assigns or other legal representatives with regard to said design for protecting, obtaining, maintaining and enforcing any and all of said Design Patent in the United States and throughout the world for said design and for perfecting, affirming, recording and maintaining the title of the Company, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said design, and any and all of said Design Patent and the title thereto in the Company, its successors, assigns or other legal representative.

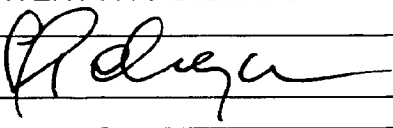
IN WITNESS WHEREOF, I have executed this instrument.

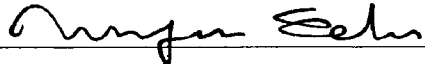
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DAVID J. KUETHER RESIDENT (CITY AND STATE)		6/28/2007
Brea, California		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
STEVEN M. SCHEIN RESIDENT (CITY AND STATE)		6/28/07
Riverside, California		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RICK ROSNER RESIDENT (CITY AND STATE)		6/28/07
Marina Del Rey, California		


FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
JOSHUA T. MORENSTEIN RESIDENT (CITY AND STATE)		5/18/07
San Francisco, California		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
PICHAYA PUTTORNGUL RESIDENT (CITY AND STATE)		5/18/07
San Francisco, California		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
NAOYA EDAHIRO RESIDENT (CITY AND STATE)		5/18/07
San Francisco, California		

STATEMENT BY WITNESS

I, Karen Lum, whose full post office address is 2230 E. Imperial Highway
El Segundo, CA 90245,
was personally present and did see **DAVID J. KUETHER**, who is known to me,
execute the above assignment.



(Signature of witness)

Date: June 28, 2007

STATEMENT BY WITNESS

I, Karen Lum, whose full post office address is 2230 E. Imperial Highway
El Segundo, CA 90245,
was personally present and did see **STEVEN M. SCHEIN**, who is known to me,
execute the above assignment.

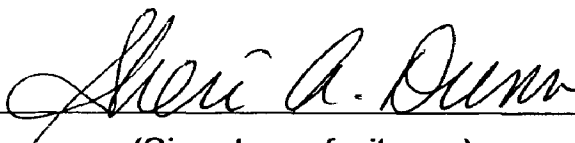


(Signature of witness)

Date: June 28, 2007

STATEMENT BY WITNESS

I, SHERIAA. DUNN, whose full post office address is 2230 E. Imperial Highway,
El Segundo CA 90245,
was personally present and did see **RICK ROSNER**, who is known to me, execute
the above assignment.



(Signature of witness)

Date: June 21, 2007

STATEMENT BY WITNESS

I, MITCHEL TERGOVA whose full post office address is 428 CAPP ST CA 94110
(Name of Witness) (Address of Witness)

(Address Continued) was personally present and did see **JOSHUA T. MORENSTEIN,**

PICHAYA PUTTORNGUL and **NAOYA EDAHIRO**, who are known to me, execute the
above assignment.

(Signature of Witness)

Date:

5/18/07