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**101655691**  
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1. Name of conveying party(ies):

Luiz BUCHSBAUM  
 Takuo OISHI  
 Shailesh JHUGROO

MPD 03-21-01

2. Name and address of receiving party(ies)?

INTELSAT  
 3400 International Drive, N.W.  
 Washington, D.C. 20008-3006

Additional name(s) of conveying party(ies) attached?

☐ yes☒ no

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Names☐ Other

Additional name(s) &amp; address(es) attached?

☐ yes☒ no

Execution Date: March 19, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: March 20, 2001

A. Patent Application No.(s)/Confirmation No.(s)

B. Patent No.(s)

09813144

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC  
 2100 Pennsylvania Avenue, N.W.  
 Suite 800  
 Washington, D.C. 20037-3213

6. Total number of applications and registration involved:

1

7. Total Fee (37 CFR 3.41): \$40.00

☒ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

  
 Alan J. Kasper

Reg. No. 25,426

March 21, 2001

Date

**TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2**

OMB No. 0651-0011 (exp. 4/94)

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09/813144  
 U.S. PTO  
 03/21/01

04/02/2001 AAHMED1 00000303 09813144

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**PATENT**  
**REEL: 011629 FRAME: 0905**

# Assignment

Whereas, I/We, BUCHSBAUM, Luiz, OISHI, Tokuo, JHUGROO, Shaliesh of Great Falls, VA, Vienna, VA, and Washington, DC, respectively, hereinafter called assignor(s), have invented certain improvements in A SATELLITE BASED CONTENT DISTRIBUTION SYSTEM USING IP MULTICAST TECHNOLOGY and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, INTELSAT, 3400 International Drive NW, Washington, DC 20008-3006 (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: \_\_\_\_\_  
s/BUCHSBAUM, LUIZ 19 March 2001

Date: \_\_\_\_\_  
s/OISHI, TOKUO 19 March 2001

Date: \_\_\_\_\_  
s/JHUGROO, SHAILESH 19 March 2001

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

Date: \_\_\_\_\_  
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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