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1. Name of conveying party(ies):

Anatoly L. KAZANOV
Mark E. HALL
Anthony PAIGE



9-8-03

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

Astral Communications Inc.
117 Cross Foxes Way
Fort Washington, MD 20744

Additional conveying party(ies) NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

September 4, 2003

Additional name(s) & address(es) attached? NO

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

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

A. Patent Application Number(s):

10/454,840

B. Patent Number(s):

Additional numbers attached? NO

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

Phillip J. Articola
FOLEY & LARDNER
Washington Harbour
3000 K Street, N.W., Suite 500
Washington, D.C. 20007-5143

6. Total number of applications/patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

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Astral Communications, Inc.
117 Cross Foxes Drive
Fort Washington, MD 20744

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

ENERGY SAVINGS DEVICE AND METHOD FOR A RESISTIVE AND/OR AN INDUCTIVE AND/OR A CAPACITIVE LOAD

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on _____
- Serial No. 10/454,840 filed June 5, 2003

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

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<i>NAMES AND SIGNATURES OF INVENTORS</i>		
Name: Anatoly L. KAZANOV	Signature: <i>Anatoly Kazanov</i>	Date: 9/04/03
Name: Mark E. HALL	Signature: <i>Mark E. Hall</i>	Date: 9/04/03
Name: Anthony PAIGE	Signature: <i>Anthony Paige</i>	Date: 9/4/03
<i>NAMES AND SIGNATURES OF WITNESSES</i>		
Name:	Signature:	Date:
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