

01-11-2001



FORM 1595

101577635

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

2272-106

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Henry J. Fries

Additional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No

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

Name Thomcast Communications, Inc.

Internal Address: _____

Street Address: 104 Feeding Hills RoadCity SouthwickState MA ZIP 01077

Additional name(s) & addresses(es) attached?

☐ Yes ☒ No

3. Name of Conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other _____Execution Date: December 20, 2000

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: Dec. 12, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Vincent M. DeLucaInternal Address: Rothwell, Figg, Ernst & Manbeck, p.c.Suite 701 EastStreet Address: 555 13th Street, N.W.City: WashingtonState: D.C. Zip 200046. Total number of applications
and patents involved: 17. Total fee (37 CFR 3.41): . . . \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

02-2135

DO NOT USE THIS SPACE

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.*Vincent M. DeLuca

Name of Person Signing

Signature

12/21/00

Date

Total number of pages including cover sheet, attachments and documents: 2PATENT
REEL: 011406 FRAME: 0531

ASSIGNMENT

WHEREAS, I, Henry J. Fries, a citizen of the United States, residing at Westfield, Massachusetts, and the inventor of an invention in DOUBLING THE POWER CAPACITY OF A CIRCULATOR-BASED ISOLATOR USING HYBRIDS for which I have executed an application for Letters Patent of the United States, of even date herewith; and

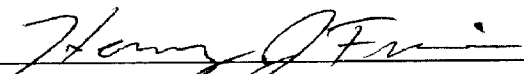
WHEREAS, Thomcast Communications, Inc., incorporated in the state of Maryland, with a place of business at 104 Feeding Hills Road, Southwick, Massachusetts 01077, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said Henry Fries have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Thomcast Communications, Inc., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Thomcast Communications, Inc., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said Thomcast Communications, Inc., its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Thomcast Communications, Inc., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20TH
day of DECEMBER, 2000.



Henry J. Fries L.S.