

09-08-1999

FORM 1595

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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2272-104

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

1. Name of conveying party(ies):

Henry Fries

mf
8-30-99

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

Name Thomcast Communications, Inc.

Internal Address:

Street Address: 104 Feeding Hills Road

City Southwick

State MA ZIP 01077

Additional name(s) & addresses(es) attached?
 Yes No

10519 U.S. PTO
09/30/99
08/30/99

3. Name of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: August 27, 1999

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

09 / 385,039

If this document is being filed together with a new application, the execution date of the application is: August 27, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Vincent M. DeLuca

Internal Address: Rothwell, Figg, Ernst & Kurz, p.c.

Suite 701 East

Street Address: 555 13th Street, N.W.

City: Washington

State: D.C. Zip 20004

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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

Vincent M DeLuca

Signature

8/30/99

Date

09/08/1999 DNGUYEN 00000036 09385039

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40.00 DP

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS, I, Henry Fries, a citizen of the United States, residing at 274 Holyoke Rd., Westfield
MA 01085 USA
am the inventor of an invention in ADAPTIVE PRECORRECTION OF SIGNAL COMBINERS USING
PASSIVE SAMPLE CANCELLATION 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 27th
day of August, 1999.


Henry Fries

L.S.