



12-19-2001



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Tab settings

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

1. Name of conveying party(ies):

Thomas F. McCarthy
David L. Wynants, Sr.

12/11/01

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

Name: Tonoga, Ltd.

Address: 136 Coonbrook Road

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: Petersburgh State/Prov.: New York

Country: United States ZIP: 12138

Execution Date: TFM: 12/3/01; DLW: 12/3/01

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

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

If this document is being filed together with a new application, the execution date of the application is: 12/03/2001

Patent Application No. Filing date

09/952,486

09/14/2001

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: MARY LOUISE GIOENI, ESQ.

Registration No. 41,779

Address: Heslin Rothenberg Farley & Mesiti P.C.

5 Columbia Circle

City: Albany State/Prov.: New York

Country: United States ZIP: 12203

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

08-1935

(Attach duplicate copy of this page if paying by deposit account)

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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.

MARY LOUISE GIOENI

Name of Person Signing

Mary Louise Gioeni

Signature

December 6, 2001

Date

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Total number of pages including cover sheet, attachments, and document:

12/19/2001 LINDLELL 0958246 40.00 DP 01 FT:581



ASSIGNMENT

WHEREAS

Thomas F. McCarthy, a citizen of the United States, residing at 12 Bank Street, Bennington, Vermont 05201; and

David L. Wynants, Sr., a citizen of the United States, residing at 10 Orville Way, Cambridge, New York 12816;

respectively, have invented certain new and useful improvements in

LOW SIGNAL LOSS BONDING PLY FOR MULTILAYER CIRCUIT BOARDS

for which we have executed an application for Letters Patent of the United States, of even date herewith;

WHEREAS, **Tonoga, Ltd.**, having offices at 136 Coonbrook Road, Petersburg, New York 12138, United States of America, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We the said **Thomas F. McCarthy** and **David L. Wynants, Sr.**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Tonoga, Ltd.**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We 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 improvements to the said **Tonoga, Ltd.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND WE HEREBY further covenant and agree that We will communicate to the said **Tonoga, Ltd.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, 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 **Tonoga, Ltd.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
5 day of Dec., 2001.

Thomas F. McCarthy
Thomas F. McCarthy

STATE OF *New York*)
COUNTY OF *Rensselaer*) ss.:

On this 3rd day of Dec., 2001, before me personally came **Thomas F. McCarthy**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Joyce M. Moses
Notary Public
JOYCE M. MOSES
Notary Public, State of New York
Qualified in Rensselaer County
Commission Expires 7/31/2002

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this
^{3rd} day of Dec., 2001.

David L. Wynants, Sr.
David L. Wynants, Sr.

STATE OF *New York*)
COUNTY OF *Rensselaer*) ss.:

On this 3rd day of Dec., 2001, before me personally came **David L. Wynants, Sr.**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Joyce M. Moses
Notary Public

JOYCE M. MOSES
Notary Public, State of New York
Qualified in Rensselaer County
Commission Expires 7/31/2001