

04-16-2003



102421806

OFFICE OF PUBLIC RECORDS

2003 APR 14 AM 4:32

FINANCE SECTION

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

SIR:

4-14-03

PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENT(S) OR COPY(IES) THEREOF.

1. NAME OF CONVEYING PARTY(IES)

Kazumi Wada, Yasuhiko Ishikawa, Douglas Cannon, Jifeng Liu & Lionel C. Kimerling

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

2. NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)

Massachusetts Institute of Technology 77 Massachusetts Avenue Cambridge, Massachusetts 02139

Additional name(s) of receiving party(ies) attached? No

3. NATURE OF CONVEYANCE

- X Assignment
Security Agreement
Merger
Change of Name
Other

Execution Date:

4/4/03 & 4/7/03

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:

A. Patent Application No(s): 10/307,779

B. Patent No(s):

Additional numbers attached? No

5. NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE CONCERNING DOCUMENT SHOULD BE DIRECTED:

Matthew E. Connors Samuels, Gauthier, Stevens & Reppert 225 Franklin Street Boston, Massachusetts 02110 (617) 426-9180, Extension 112

6. TOTAL NUMBER OF APPLICATIONS AND PATENTS INVOLVED: 1

7. TOTAL FEE DUE: \$40.00 (Enclosed)

If any additional fee(s) are due, the Commissioner is hereby authorized to charge the Deposit Order Account noted in item 8.

8. DEPOSIT ACCOUNT NUMBER: 19-0079

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.

Matthew E. Connors Name of Person Signing

Matthew E. Connors Signature

4/9/03 Date

Total number of pages including cover sheet, attachments, and document: 6

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Deborah M. Costello

Date: 4/9/03

04/15/2003 DBYRNE 00000060 10307779

01 FC:0021

40.00 OP

ASSIGNMENT

Know all men by these presents

WHEREAS we, Kazumi Wada
23 Hill Street
Lexington, MA 02421

and Yasuhiko Ishikawa
37 Sherman Street, #3
Cambridge, MA 02138

and Douglas D. Cannon
264 Wilbur Avenue, #1
Somerville, MA 02144

and Jifeng Liu
187 Windsor Street, Apt. #2
Cambridge, MA 02139

and Lionel C. Kimerling
369 Strawberry Hill Road
Concord, MA 01742

have made an invention for

GE PHOTODETECTORS

described in the application filed with the United States Patent and Trademark Office on December 2, 2002, as Serial No. 10/307,779, which claims priority under 35 USC §119(e) from United States Provisional Patent Application Serial No. 60/389,819, filed June 19, 2002; and

WHEREAS Massachusetts Institute of Technology, a corporation duly organized and existing under the laws of Massachusetts and having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, AND Pirelli SPA, a corporation duly organized and existing under the laws of Italy and having a place of business at Viale Sarca 222, Milan, Italy 20126, for the benefit of themselves, their successors and assigns, all inclusively hereinafter referred to as the Assignees, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignees, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignees the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

MASSACHUSETTS INSTITUTE OF TECHNOLOGY and PIRELLI SPA

its successors and assigns, to its and their own use and behoove to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignees in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignees fully to secure to said Assignees its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignees, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

4/4/03

Date

Kazumi Wada

KAZUMI WADA

Date

YASUHIKO ISHIKAWA

4/7/03

Date

Douglas D. Cannon

DOUGLAS D. CANNON

4/4/03

Date

Jifeng Liu

JIFENG LIU

4-4-03

Date

Lionel C. Kimerling

LIONEL C. KIMERLING

Date

KAZUMI WADA

4/7/03
Date

Yasuhiko Ishikawa
YASUHIKO ISHIKAWA

Date

DOUGLAS D. CANNON

Date

JIFENG LIU

Date

LIONEL C. KIMERLING