

09-27-1999

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

<p>1. Name of conveying party(ies): Osamu Wakabayashi, Tatsuo Enami Shinji Nagai, Toru Suzuki Takeshi Ohta & Hirokazu Kubo</p> <p>Additional Name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>Komatsu Ltd.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>3-6, Akasaka 2-chome, Minato-ku Tokyo 107-8414 JAPAN</u></p> <p>City: _____ State: _____ ZIP: _____</p> <p>Additional names & addresses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____</p> <p>Execution Date: <u>7/8/99</u></p>	

4. Application number(s) or patent
If this document is being filed together with a new application, the execution date of the application is: 7/8/99

<p>A. Patent Application No.(s) <u>09/358191</u></p>	<p>B. Patent No.(s)</p>
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Additional number attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>R. Eugene Varndell, Jr.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>VARNDELL & VARNDELL, PLLC Suite 220 1150 S. Washington St.</u></p> <p>City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</u></p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 C.F.R. § 3.41) enclosed: \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charge to deposit account</p> <p>Deposit Account Number: <u>22-0256</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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 true document.*

R. Eugene Varndell, Jr.

9/17/99

Name of Person Signing

Signature

Date

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ASSIGNMENT

WHEREAS: The ASSIGNOR, comprising the following named inventor(s):

NAME & ADDRESS OR RESIDENCE OF INVENTOR(S)

- 1. Osamu WAKABAYASHI of Hiratsuka-shi, Kanagawa, Japan
2. Tatsuo ENAMI of Hiratsuka-shi, Kanagawa, Japan
3. Shinji NAGAI of Hiratsuka-shi, Kanagawa, Japan
4. Toru SUZUKI of Hiratsuka-shi, Kanagawa, Japan
5. Takeshi OHTA of Hiratsuka-shi, Kanagawa, Japan
6. Hirokazu KUBO of Hiratsuka-shi, Kanagawa, Japan
7.
8.

TITLE OF INVENTION

has invented and owns a certain invention entitled:

WAVELENGTH DETECTOR

for which application for Letters Patent of the United States was

CHECK ONE BOX

- executed by each inventor concurrently with the execution of this assignment, and
executed on
filed on Serial No.

ASSIGNEE WITH ADDRESS

WHEREAS, the ASSIGNEE Komatsu Ltd., of 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-8414 Japan

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any United States Letters Patent that may be granted therefor.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States which may be granted therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may granted.

ASSIGNOR agrees to provide ASSIGNEE or its (his) representatives any facts known to ASSIGNOR concerning said invention, testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The ASSIGNOR covenants that no assignment, sale, or agreement has been or will be made or entered into which would conflict with this assignment or sale.

The undersigned hereby grant(s) the firm of Varndell Legal Group, Suite 220, 1150 South Washington Street, Alexandria, Virginia 22314, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1. Osamu Wakabayashi July 8, 1999
(SIGNATURE OF INVENTOR) Osamu WAKABAYASHI (DATE)
2. Tatsuo Enami July 8, 1999
(SIGNATURE OF INVENTOR) Tatsuo ENAMI (DATE)
3. Shinji Nagai July 8, 1999
(SIGNATURE OF INVENTOR) Shinji NAGAI (DATE)
4. Toru Suzuki July 8, 1999
(SIGNATURE OF INVENTOR) Toru SUZUKI (DATE)
5. Takeshi Ohta July 8, 1999
(SIGNATURE OF INVENTOR) Takeshi OHTA (DATE)
6. Hirokazu Kubo July 8, 1999
(SIGNATURE OF INVENTOR) Hirokazu KUBO (DATE)
7. (SIGNATURE OF INVENTOR) (DATE)
8. (SIGNATURE OF INVENTOR) (DATE)

NO LEGALIZATION REQUIRED

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