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RE



ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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

1. Name of conveying party(ies): Yasufumi KAWASUJI and Takashi MATSUNAGA

2. Name and address of receiving party(ies): Name: Komatsu Ltd. Internal Address:

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Address: 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-8414 Japan Additional name(s) & address(es) attached? [] Yes [X] No

Execution Date: August 30, 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: A. Patent Application No.(s) 09/660,830

B. Patent No.(s) Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gerald T. Shekleton, Esq. Internal Address: Street Address: WELSH & KATZ, LTD. 120 South Riverside Plaza / 22nd Floor City: Chicago State: Illinois ZIP: 60603-3913

6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41) \$40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 23-0920 (Attach duplicate copy of this page if paying by deposit account)

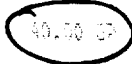
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Gerald T. Shekleton Name of Person Signing Signature Date December 26, 2000 Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

01/05/2001 BHABTEW 00000016 09660350



PATENT REEL: 011394 FRAME: 0445

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
DISCHARGE DEVICE FOR PULSED LASER

(Title of Invention)

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for
United States Letters Patent on _____, 19 _____ (Serial No. _____); and

WHEREAS, Komatsu Ltd.

(Full Name of Assignee)

a corporation of Japan

(Country of Incorporation)

whose post office address is 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-8414 Japan

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the
application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby
acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set
over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and
this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted
thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the
United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms
of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with
assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding,
sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect
the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue
applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain
and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to
the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <u>Yasufumi KAWASUJI</u>	ASSIGNOR'S SIGNATURE <i>Yasufumi Kawasuji</i>	DATE <u>30. Aug. 2000</u>
ADDRESS <u>c/o Oyama Works of Komatsu Ltd., 400, Yokokura- Shinden, Oyama-shi, Tochigi, Japan</u>	CITIZENSHIP <u>Japanese</u>	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY <u>Takashi MATSUNAGA</u>	ASSIGNOR'S SIGNATURE <i>Takashi Matsunaga</i>	DATE <u>Aug. 30. 2000</u>
ADDRESS <u>c/o Oyama Works of Komatsu Ltd., 400, Yokokura- Shinden, Oyama-shi, Tochigi, Japan</u>	CITIZENSHIP <u>Japanese</u>	
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS	CITIZENSHIP	