

10-16-98

IN THE UN
R

10-20-1998

EMARK OFFICE
I E E T

100852940

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

| | |
|--|--|
| 1. Name of conveying party(ies): Makoto IGA No additional names attached <input checked="" type="checkbox"/> | 2. Name and address of receiving party(ies): Shin Caterpillar Mitsubishi, Ltd. 10-1, Youga 4-chome, Setagaya-ku, Tokyo JAPAN No additional names(s) or address(es) attached <input checked="" type="checkbox"/> |
| 3. Nature of Conveyance: <input checked="" type="checkbox"/> assignment <input type="checkbox"/> merger <input type="checkbox"/> security agreement <input type="checkbox"/> change of name <input type="checkbox"/> other | |
| EXECUTION DATE: September 3, 1998 | |
| 4. Application number(s) or patent number(s): THIS DOCUMENT IS NOT BEING FILED WITH A NEW APPLICATION. | |
| A. Patent Application Number(s) 09/162,445 | B. Patent Number(s) |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MILLEN, WHITE, ZELANO & BRANIGAN, P.C. Address: Arlington Court Plaza I Suite 1400 2200 Clarendon Blvd. Arlington, VA 22201 | 6. Total number of applications and patents involved: - 1 - 7. Total fee (37 C.F.R. §3.41) \$40.00 <input checked="" type="checkbox"/> Check enclosed <input checked="" type="checkbox"/> Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to 8. DEPOSIT ACCOUNT NO. 13-3402 |
| 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.

Harry B. Shubin (Reg. No. 32,004)
 Attorney for Applicant(s)

Signature

10/16/98
 Date

- ♦ Total number of pages including cover sheet, attachments and documents: - 3 -
- ♦ Attorney Docket # ONO 3

10/20/1998 DMSUYEN 00000018 09162445

01 FC:581

40.00 DP

ASSIGNMENT

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

HYDRAULIC PILOT CIRCUIT

- ☐ for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☐ for which U.S. Application Serial No. _____ for Letters Patent was filed in the U.S. Patent and Trademark Office on _____.
- ☒ for which an International Application was filed on January 27, 1998 PCT/ JP98 / 00310 , designating the United States.

AND WHEREAS

Shin Caterpillar Mitsubishi Ltd., a Japanese corporation, of
10-1 Youga 4-chome, Setagaya-ku, Tokyo, Japan

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. 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 TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

| | | | |
|-----|---|---|-----------------------|
| 201 | FULL NAME OF SOLE OR FIRST NAMED INVENTOR Makoto IGA | INVENTOR'S SIGNATURE <i>Makoto IGA</i> | DATE Sept. 3, 1998 |
| 202 | FULL NAME OF SECOND JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 203 | FULL NAME OF THIRD JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 204 | FULL NAME OF FOURTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 205 | FULL NAME OF FIFTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 206 | FULL NAME OF SIXTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 207 | FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 208 | FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 209 | FULL NAME OF NINTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 210 | FULL NAME OF TENTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 211 | FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |
| 212 | FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY | INVENTOR'S SIGNATURE | DATE |

MWZ 16a

RECORDED: 10/16/1998

PATENT
REEL: 9513 FRAME: 0838