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| TO: The Commissioner of Patents and Tr | ademarks: Pleas | | | inal document(s | s) or copy(ies). |
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| Mark if Additional Names of Conveyin | g Parties Attache | d | | | |
| Name Mitsubishi Denki Kabus Name Address 2-3, Marunouchi 2-chor Address Address Tokyo City Mark if Additional Names of Receiving | ne, Chiyoda-ku <u>Japan</u> State/Cou | | | <u>0-8310</u> Code | |
| Correspondent Name and Address | T arties Attached | , | 3165 | | |
| Jeffrey A. Wyand Leydig, Voit & Mayer, Ltd. 700 Thirteenth St., N.W. Suite 300 Washington, D.C. 20005-3960 | | | Attor | Facsimile ney Docket No. | e: (202) 737-6770 e: (202) 737-6776 401748/SHINSEI |
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| Application Number(s) or Patent Number or the Patent Application Number or the Patent Number or the Number of Number or the Number of Number or the Number of Number or the Number or the Number of Number of Number or the Number of Number or the Number of Number or the Number of Number or Number or Number or Number or Number or Number of Number or Number of Number or Number or Number or Number of Number or Number of Number or Number of Number or Number o | er(s) Sha Batant Number (D | O NOT ENTE | ∐ Mar | k if additional nu | umbers attached |
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| If this document is being filed together with application was signed by the first named | | | | | |
| Patent Cooperation Treaty (PCT) | | | | | |
| Enter PCT application number only if a U.S | S. Application | PCT | PC1 | | PCT |
| Number has not been assigned. | | PCT | PC1 | - | PCT |
| Number of Properties | | Fr | ter the total n | umber of prope | rties involved: 1 |
| Fee Amount | | | iter the total fi | uniber of prope | rues involved. |
| Method of Payment: Enclosed is a check in the amount Charge Deposit Account No. 12-1 Authorization to Charge Additional | 216 | | · | · | FR 3.41): 40.00 |
| Statement and Signature To the best of my knowledge and belie | ef, the foregoing in | nformation is | s true and cor | rect and any att | |
| true copy of the original document. Ci Jeffrey A. Wyand | All Land | Hest. | Qui ionzeu, a | 18, | 2002 |
| Name of Person Signing | 9 / 1 Sign | ature | | Da | ite |
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PATENT

REEL: 013018 FRAME: 0196

ASSIGNMENT

| consid | consideration of the sum of One Dollar (\$1.00), and other good and valuable eration, the receipt of which is acknowledged, the undersigned, OKA | | |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| • | | | |
| | o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, oda-ku, Tokyo 100-8310 Japan | | |
| | | | |
| | ssigns, and transfers to SUBISHI DENKI KABUSHIKI KAISHA | | |
| of _2 | 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan | | |
| | | | |
| (the As | the application for United States Letters Patent entitled: "OPTICAL DISTANCE SENSOR" | | |
| | which was executed by the undersigned on May 27, 2002 X2000 or was filed on and accorded Serial No. (the Application); | | |
| (ii) | any and all inventions and improvements that are described in the Application; | | |
| (iii) | any and all United States Letters Patents that may be granted on the Application (the Patent); | | |
| (iv) | any and all divisions, continuations, reexaminations, reissues, or extensions of the Application or the Patent; and | | |
| (v) | all benefits under the International Convention for the Protection of Industrial Property. | | |
| serial: | I authorize the Assignee and its agents to insert in this instrument the filing date and | | |

PATENT REEL: 013018 FRAME: 0197 I authorize and request the Commissioner of Patents to issue any and all Letters Patent, when granted, to the Assignee.

Further, it is agreed that, when requested, without charge to, but at the expense of, the Assignee, the undersigned will execute all divisional, continuing, or reissue patent applications; execute all additional assignments and other writings, including reissue and reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection for any invention described in the Application.

| INVENTOR | Date | Witness |
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| Toru Oka | May 27, 2002 | |
| Toru OKA | | |
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RECORDED: 06/18/2002

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