Substitute Form PTO-1595 Attorney Docket No.: 14804-005001 Client's Ref. No.: K-449

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PATENT REEL: 013858 FRAME: 0156

Assignment

譲渡

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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s) over to:

> SUMITOMO ELECTRIC INDUSTRIES, LTD.

住所

Having the address:

5-33, Kitahama 4-chome, Chuo-ku, Osaka, Japan

(以下「譲渡人」と呼ぶ)と、その継承人および譲受人に 対して、

(発明の名称)

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MULTICHANNEL OPTICAL COMMUNICATIONS MODULE

Attorney Docket No.:

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

シリアル・ナンバー:

登録年月日:

Serial No.:

Filing Date:

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PATENT REEL: 013858 FRAME: 0157

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- The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension or interference proceedings, or otherwise secure the title thereto to the ASSIGNEE.
- The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.
- The undersigned hereby agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.
- The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patents resulting from the said application or any division or divisions or continuing application thereof to the ASSIGNEE.
- The undersigned hereby grant(s) to the firm of Fish & Richardson P.C. the power to insert on this agreement 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.



Fish & Richardson P.C

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			Typed Name
	氏名(楷書):	Date	Typed Name Yoshiki Kuhara
			fosniki kunara
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年月日	氏名(楷書):	 Date	Typed Name
年月日	氏名(楷書):	Date	Typed Name
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年月日	氏名(楷書):	Date	Typed Name
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RECORDED: 03/06/2003

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