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Substitute Form PTO-1595

Attorney Docket No.: 12852-003001 Client's Ref. No.: 102308-US-00 (K. Takatashi)

Y.

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Yoshiki Kuhara	Sumitomo Electric Industries, Ltd1-3, Shimaya 1-3, Shimaya 1-chome			
Additional name(s) attached? ☐ Yes 図 No				
3. Nature of conveyance:	Konohana-ku Osaka 554-0024 Japan			
☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	Osaka 554-0024 Japan			
Execution Date: 01/15/03	Additional names/addresses attached? ☐ Yes ☒ No			
Application number(s) or patent number(s):				
If this document is being filed with a new application, the execut	ion date of the application is: 01/15/03			
A. Patent Application No(s).:	B: Patent No(s).:			
Additional numbers	s attached? ☐ Yes 図 No			
5. Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1			
CHRIS T. MIZUMOTO	7. Total fee (37 CFR §3.41): \$40			
Fish & Richardson P.C.	☑ Enclosed			
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PATENT REEL: 013688 FRAME: 0492

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102308-US-00

Assignment 经证

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(住所)

(以下「筑波人」と呼ぶ)と、その未並人およびは受人。 に対して、

(発明の名称)

弁護士英級番号:

という名称で知られ、以下に署名した者が以下に記した日 にアメリカ合衆国特許を甲請した発明のアメリカ合衆国 におけるすべての推利、推原および利措、ならびにその先 明に対して行われるすべての特許申請とそれらによって 待られる特許状ならびにそれらの分割、再申請、離核およ び延長を貸戻するものであり、さらにその利機は、当抜符 許状が謀受人、庭承人、さらにその護受人らまたは彼らの 告的代理人に与えられたときに、当該符件状の全所有権を この護波が行われなかった場合に護波人に当該特許状が 与えられることにより誤渡人が受けたであろう期間の最 後の日まで、完全無欠に反けられるものとする。この書状 が、申請と同時に登録されない場合は、以下の認識情報が 執行後に追加されるものとする。

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注除年月日:

Serial No.

Filing Date:

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

Sumitomo Electric Industries, Ltd.

Having the address:

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan

(hereinafter designated as the "ASSIGNEE"), its succesors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted thereof, including said application, and all United States Letters Patents which may be granted thereof, and all divisions, reissues, continua tions, and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its succesors, assigns, or their legal representatives, to the full end of the term for which said Letters Patent may b granted, as fully and entirely as the same would have been enjoyed by assignor(s) if this assignment had not been made, the application being known by the title: WAVELENGTH-MULTIPLEXING CONNECTOR, OPTICAL TRANSMISSION DEVICE AND OPTICAL COMMUNICATION SYSTEM Attorney Docket no .:

for the which the undersigned has/have executed ar application for patent in the United States of America on the same day herewith. Where this

instrument is not filed concurrently with the applica tion, the following identifying information may be added after execution:

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- 1. The undersigned hereby agree(s) to sign and excute any further documents and instruments which may be necessary, lawful and proper in the prosection of said above-nmaed 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 of interference proceedings or otherwiese secure the title thereto to the ASSIGNEE.
- 2. 文末に著名した者は、工業所有権の保護に掲する国際条約または同様な条約のクレームまたは条項に制造して必要となるすべての文書を署名、執行し、必要な行為を行うことに同意する。
- 2. The undersigned hereby agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or prosions of the International Convention for Protectio of Industrial Property of similar agreements.
- 3. 文宗に署名した者は、既受人に有効な米国特許を取得させるために必要なすべての積極的な行為を実行することに同意する。
- 3. 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.
- 4. 文末に著名した者は、アメリカ合衆国の特許庁長官 に対して、当該特許申請またはそれに基づくすべての分割、 試験申請から生じるすべての特許状を当該議受人に発行 するように、該属する。
- 4. The undersigned hereby authorize(s) and request(s) teh Commisioner of Patents in the Unite States to issue any and all Letters Patents resulting from the said application or any division or division or continuing application thereof to the ASSIGNEE.
- 5. 文末に署名した者は、本状の登記に当りアメリカ合 衆国特許庁の規則に従って必要であり、望ましいような数 別情報をこの護護書に挿入する権利をフィッシュ・アン ド・リチャードソン法律事務所に委託するものとする。
- 5. 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.

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		Jan 15,	Typed Name Yoshiki KUHARA	
年月日	氏名(指套):	Date	Typed Name Yoshiki KUHARA	
年月日	氏名(接套):	Date	Typed Name	
年月日	氏名(禮套):	Date	Typed Name	
年月日	氏名(茯苓):	Date	Typed Name	
年月日	氏名(接套):	Date	Typed Name	
年月日	氏名(诸春):	Date	Typed Name	
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年月日	氏名(横套):	Date	Typed Name	
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RECORDED: 01/21/2003

PATENT REEL: 013688 FRAME: 0495