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Execution Date(s): All on Nov. 6, 200	06		
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if this document is being filed toge	ther with a new application, t	the execution date of the application is as foll	ows:
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PATENT REEL: 018537 FRAME: 0712

ASSIGNMENT

In consideration of value received, I, having a mailing address at c/o NHK SPRING CO., LTD., 3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 Japan, and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

OPTICAL BRANCHING UNIT

said application having been filed on and assigned Application No. ; sell and assign to OMRON CORPORATION a corporation of Japan, having a business address at 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

[X] executed concurrently herewith;[] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

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PATENT REEL: 018537 FRAME: 0713

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Inventor: (Signature) Date Residence NOV. - 6. 2006 Yokohama·shi, Japan NOV. - 6, 2006 Yokohama-shi, Japan $NOV_{i} = 6,2006$

> **PATENT REEL: 018537 FRAME: 0714**

Yokohama-shi, Japan

RECORDED: 11/08/2006