

ASSIGNMENT

In consideration of value received, I, having a residence and post office address 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:

ROBOT HAVING MULTI-JOINT ARMS MOVABLE IN HORIZONTAL PLANE

sell and assign to Janome Sewing Machine Co., Ltd.

a corporation of

having a business address at 1-1, Kyobashi 3-chome, Chuo-ku,
104-0031 Tokyo, 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 executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, 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 it 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 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.

INVENTOR: SIGNATURE	DATE	RESIDENCE AND POST OFFICE ADDRESS
---------------------	------	-----------------------------------

Sign: <i>Wakaizumi Kiyoshi</i> Type: WAKAIZUMI Kiyoshi	Date: <i>1999.6.4</i> Witness: TAKAHASHI Kiyoshi	c/o Janome Sewing Machine Co., Ltd 1-1, Kyobashi 3-chome, Chuo-ku, 104-0031 Tokyo, Japan
Sign: <i>Suzuki Shinji</i> Type: SUZUKI Shinji	Date: <i>1999.6.4</i> Witness: TAKAHASHI Kiyoshi	c/o Janome Sewing Machine Co., Ltd 1-1, Kyobashi 3-chome, Chuo-ku, 104-0031 Tokyo, Japan
Sign: <i>SAKASHITA YOSHIHITO</i> Type: SAKASHITA Yoshihito	Date: <i>1999.6.4</i> Witness: TAKAHASHI Kiyoshi	c/o Janome Sewing Machine Co., Ltd 1-1, Kyobashi 3-chome, Chuo-ku, 104-0031 Tokyo, Japan
Sign: <i>Nozawa Katsuaki</i> Type: NOZAWA Katsuaki	Date: <i>1999.6.4</i> Witness: TAKAHASHI Kiyoshi	c/o Janome Sewing Machine Co., Ltd 1-1, Kyobashi 3-chome, Chuo-ku, 104-0031 Tokyo, Japan

NOTES: MUST BE DATED.	WITNESS DESIRABLE.	LEGALIZATION NOT REQUIRED.
-----------------------	--------------------	----------------------------