FORM PTO-1595 (Rev. 6-93) RECO 05 - 27	7-1998 ET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94):	▼ 2725
Tao settings 2 2 - 1	
To the Honorable Commissioner of Patent: 1007	d original documents or copy thereof
Name of conveying party(ies):	2. Name and address of receiving party(ies)
KUNIYUKI TAKAHASHI and	Name: KABUSHIKI KAISHA SHINKAW
HIJIRI HAYASHI	Internal Address:
Additional name(s) of conveying party(les) attached? Yes No	g -
3. Nature of conveyance:	
2 Assignment	Street Address: 2-51-1, Inadaira,
☐ Security Agreement ☐ Change of Name	Musashi Murayama-shi, Tokyo, Japan
Other	City:State:ZIP:
Execution Date: May 8, 1998	Additional name(s) & address(es) attached? Yes No
Application number(s) or patent number(s):	
If this document is being filed together with a new application	on the execution date of the application is:05/14/1998
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers at	ttached? □ Yes & No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: KODA AND ANDROLIA	7. Total fee (37 CFR 3.41)\$_40.00
Internal Address:	X) Enclosed
	Authorized to be charged to deposit account
Street Address: 10100 Santa Monica Blyd.,	8. Deposit account number:
Suite 2340	11-1445
City: Los Angeles State: CA ZIP: 90067	(Attach duplicate copy of this page if paying by deposit acount)
DO NOT US	E THIS SPACE
'. Statement and signature.	S .
To the best of my knowledge and belief, the foregoing inform the original document.	nation is true and correct and any attached copy
the original document. William L. Androlia	
Reg. No. 27.177	05/14/1000
Reg. No. 27,177 Name of Person Signing	05/14/1998 Signature Date

Assignment

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REEL: 9211 FRAME: 0846

	(I) KUNIYUKI TAKAHASHI	
	(2) HIJIRI HAYASHI	
	(3)a	and
(1-4) Insert Neme(s) of	(4)	
Inventor(a)	In consideration of the sum of one dollar (\$1.00) and other good and valual considerations paid to each of the undersigned, the undersigned agree(s) to assi and hereby does assign, transfer and set over to	ble
(5) Insert name of Assignee	(5) KABUSHIKI KAISHA SHINKAWA	
(5) insert <u>address</u> of Assignee	(6) of 2-51-1, Inadaira, Musashi Murayama-sh	i.
	Tokyo, Japan	
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known is	
(7) Insert <u>Title</u> of Invention	(7) WIRE BONDING APPARATUS AND CONTROL	_
	METHOD THEREOF	
	for which the undersigned has (have) executed an application for patent in t United States of America	he
(8) Insert <u>Date</u> of Signing of Application	(8) on <u>May 8, 1998</u>	_
Assignee may deem necessa 2) The undersigned agreelared concerning this approach way possible in obtaining even and the second of the undersigned agreements. 4) The undersigned agreements. 4) The undersigned agreements of the undersigned here Patents of the United States thereof to the said Assignee to convey the entire interest ment in conflict herewith. 6) The undersigned here 27,729; and ALEX CHART	ce(s) to execute all papers necessary in connection with any interference which may plication or continuation or division thereof and to cooperate with the Assignee in eve idence and going forward with such interference. ce(s) to execute all papers and documents and perform any act which may be necessary rovisions of the International Convention for Protection of Industrial Property or similarly to perform all affirmative acts which may be necessary to obtain a grant of a value.	in lar lid ers ons ght ee-
	Vili TIII	
Date 05/08/1998	Name of Inventor Kuniyaki Jahahashi (SE) Name of Inventor Hijiri Hayashi (SE)	AL)
	·	
	lame of Inventor(SE	
Date	lame of Inventor(SE	AL)
This assignment shows Consul if outside the U.S.	ald preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.A. If neither, then it should be signed before at least two witnesses who also sign he	J.S. ere:
	Vitness	
DateV	Vitness PATENT	