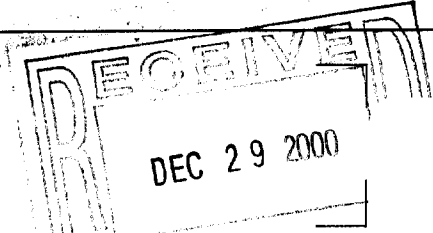


FORM PTO-1619A  
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U.S. Department of Commerce

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Name (line 2)	<input type="text"/>		
<b>Second Party</b>		Execution Date Month Day Year	
Name (line 1)	<input type="text" value="Akihiko Matsuoka"/>	<input type="text" value="12 12 00"/>	
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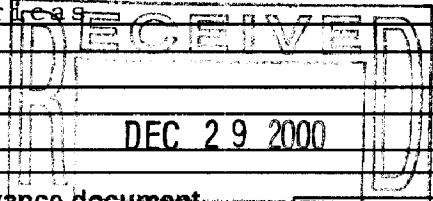
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**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

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Patent Application Number(s)

Patent Number(s)

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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

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Enter PCT application number

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PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

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James V. Costigan  
Name of Person Signing

Signature

December 27, 2000  
Date

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Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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Name (line 1)

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Address (line 2)

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

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Patent Application Number(s)

Patent Number(s)

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A S S I G N M E N T

In consideration of One Dollar and other good and valuable consideration, of which We acknowledge receipt, We, Seiji Sato; Akihiko Matsuoka; and Satoru Fukuzawa, respectively sell and assign to NTN Corporation residing at 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka, 550-0003 Japan, a corporation of Japan, its successors and assigns the entire right, title and interest in and to the improvements in PRESSING DEVICE AND FRICTION PLATE FOR IMPROVING RESPONSE SENSITIVITY OF ACCELERATOR OPERATION invented by Us, as described in the application for United States patent filed August 28, 2000 as Serial No. : 09/648,783, and all applications for patent and patents therefor in any and all countries, including all rights thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said NTN CORPORATION, or its successors or assigns and agree that on request and without further consideration, but at the expense of said NTN CORPORATION, We will communicate to said NTN CORPORATION or its representatives or nominees any facts known to Us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said NTN CORPORATION, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

December 12, 2000Seiji Sato  
Seiji SatoDecember 12, 2000Akihiko Matsuoka  
Akihiko MatsuokaDecember 11, 2000Satoru Fukuzawa  
Satoru Fukuzawa