04	-12-1999 	
REC 1.000 (INC. 100)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents ar)1008251	
Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Jayantilal D. Patel	Name: Pioneer Hi-Bred International Inc. Internal Address:	
Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠No		
3. Nature of conveyance:		
⊠Assignment □ Merger	Street Address: 7100 NW 62nd Avenue,	
☐ Security Agreement ☐ Change of Name	P.O. Box 1000	
□ Other	City: <u>Johnston</u> , State: <u>lowa</u> Zip: <u>50131-1000</u>	
Execution Date: February 18, 1999	Additional name(s) & address(es) attached? ☐ Yes⊠No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 09/256,889	n, the execution date of the application is: B. Patent No.(s)	
Additional numbers 5. Name and address of party to whom correspondence	attached? ☐ Yes ⊠No ce 6. Total number of applications and patents	
concerning document should be mailed:	involved:	
Name: Heidi S. Nebel	7. Total fee (37 CFR 3.41)\$ 40.00	
Zarley, McKee, Thomte, Voorhees & Sease □ Authorized to be charged to deposit accord		
Street Address: 801 Grand Avenue, Suite 3200	8. Deposit account number: 26-0084	
City: Des Moines State: lowa Zip: 50309-2721	(Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information the original document.	nation is true and correct and any attached copy is a true copy of	
Heidi S. Nebel, Reg. No. 37,719 Name of Person Signing	Signature Date	
Total number of pages including c	over sheet, attachments, and document:	

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Washington, D.C. 20231

PATENT REEL: 9868 FRAME: 0989

ASSIGNMENT-WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Pioneer Hi-Bred International, Inc., 7100 NW 62nd Avenue P.O. Box 1000 Johnston, Iowa 50131-1000

its successors and assigns, the entire right, title and interest so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention entitled CANOLA CULTIVAR 45A51 as set forth in his United States Patent Application

	executed concurrently herewith		
	executed on		
X	Serial No. 09/256,889	filed February 24, 1999	

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to

PATENT REEL: 9868 FRAME: 0990 ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said invention, and to testify in any proceedings relating to said inventions, patent applications, Letters Patent.

The undersigned hereby grant an authorized representative of Assignee the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS				
$M \circ \mathcal{A}$				
Name: JAYANTILAL D. PATEL	Signature:	Date: Feb 18,1999		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAMES AND SIGNATURES OF WITNESSES				
4 (
Name: Milena Deacon	Signature: N Queto	Date: Feb. 18,1999		
Name:	Signature:	Date:		
Name:	Signature:	Date:		

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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RECORDED: 04/05/1999