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Expires 06/30/99 OMB 0651-0027 - O 1	-30-2004 U.S. Department of Commerce Patent and Trademark Office PATENT			
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FORM PTÕ-J Expires 06.30/99 OMB 0651-0027	1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspond	lent Name and Address	Area Code and Tolenhone Number		
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	he Patent Application Number or the l atent Application Number(s)	Patent Number (DO NOT ENTER BOTH numbers fo Patent	or the same property). Number(s)	
		6,419,812		
·····] [] []			
If this document i was	is being filed together with a new Pate	ent Application, enter the date the patent applicati	on Month Day Year	
	peration Treaty (PCT)			
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CONFIRMATORY LICENSE

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Title	:	Aluminum Low Temperature Smelting Cell Metal Collection		
Inventor(s)	:	Craig W. Brown and Theodore R. Beck		
Serial No.	:	09/721,723	Filing Date:	November 27, 2000
Patent No.	:	6,419,812	Issued:	Tuly 16, 2002
Contractor	:	Northwest Aluminum Technologies		
Prime Contract	No.:	DE-FC36-98ID13662		
DOE Case No.	:	S-103,752 - Docket No. 00	-6	
Patent Rights C	lause 1	No: DEAR 952.227-11		
Foreign Applica	tions f	filed in or intended to be filed a	t Contractor's exper	nse in (countries): NA

The contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide, license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this subject invention, patent application and any resulting patent, as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, throughout the world and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

(SEAL)	Signed this <u>12th</u> day of <u>December</u> , 200 <u>3</u>			
	Northwest Aluminum Technologies			
	(Contractor) Craig Brown Manager of Research			
	(Contractor's Official and Title)			
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RECORDED: 01/26/2004