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Patent Application Numbers:  
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To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

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Respectfully submitted,

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**A S S I G N M E N T**

**United States (Sole or Joint)  
(Excluding Foreign Rights)**

**WHEREAS, I/We, (1) MAKITA Yunosuke, (2) NAKAYAMA Yasuhiko and (3) Liu Zhengxin**

**residing at(1) c/o National Institute of Advanced Industrial Science and Technology Tsukuba Center  
1 - 1, Higashi 1 - chome, Tsukuba - shi, Ibaraki Japan**

**(2) Room 103, 41, Keyakidai 1 - chome, (3) Room406 24 - 1 - 512, Takezono 3 - chome,  
Miyamae - ku, Kawasaki - shi, Kanagawa Japan Tsukuba - shi, Ibaraki, Japan**

**have invented certain new and useful improvements in**

**SHEET-TYPE B-FeSi<sub>2</sub> ELEMENT, AND METHOD AND DEVICE FOR MANUFACTURING THE SAME**

**for which an application for United States Letters Patent was**

**signed by ~~me~~ us on even date herewith.**

**WHEREAS, (A) National Institute of Advanced Industrial Science and Technology  
(B) SYSTEM ENGINEERS' CO., LTD.**

**having a place of business at**

**(A) 3 - 1, Kasumigaseki 1 - chome, Chiyoda - ku, (B) Techno Plaza Yamato Center Building, 3854 - 1,  
Tokyo, Japan Shimotsuruma, Yamato - shi, Kanagawa, Japan**

**hereinafter called the "Assignee", is desirous of acquiring the entire right, title and  
interest in and to said invention and in and to any Letters Patent that may be granted  
therefor, in the United States and its territorial possessions.**

**NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other  
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**I/We hereby authorize and request the Patent Office Officials in the United States to  
issue any and all of said Letters Patent, when granted, to said Assignee for the sole use  
and behoof of the said Assignee, its successors and assigns.**

**IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).**

**Witnessed by:**

**Inventor(s):**

**Date:**

*Tsuruwaka Toshio*

*Yunosuke Makita Feb 9, 2004*  
**MAKITA Yunosuke,**

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TSURUWAKA Toshio

*Yasuhiko Nakayama Feb. 9. 2004*  
**NAKAYAMA Yasuhiko**

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*Zhengxin Liu 2004. 2. 9*

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**Liu Zhengxin**

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**PATENT**