



May 31, 2019
Mitsui Chemicals, Inc.

ASML and Mitsui Chemicals Sign License Agreement for EUV pellicle business

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: Tsutomu Tannowa) today announced that it has concluded a license agreement for the EUV pellicle business with ASML, the global No.1 company in the field of semiconductor lithography systems.

ASML is the only manufacturer which has successfully developed EUV pellicles for commercial use in its EUV lithography systems. The license agreement will bring synergy between ASML's cutting edge technology of EUV pellicle and Mitsui Chemicals' long term track record in the pellicle business since its launch in 1984. The collaboration will contribute to the adoption of EUV lithography technology through the supply of high quality EUV pellicles in high volume, to support the rapidly growing demand in the market.

Based on this agreement, Mitsui Chemicals will start building an EUV pellicle assembly factory at Iwakuni Otake Works with a target schedule of completion by the 2nd quarter of 2020. After a ramp up period, Mitsui Chemicals aims for starting sales of EUV pellicle to customers by the 2nd quarter of 2021.

Mitsui Chemicals, as an established pellicle supplier, will be the 1st pellicle manufacturer to commercialize EUV pellicles conform ASML's technology and will serve its customers with continuous product improvement and innovation. Under the license agreement, ASML will continue to develop the EUV pellicle technology.

Aiming to expand the ICT business through the manufacturing and sales of EUV pellicles, as well as promoting technological innovation for new and high-performance fields like 5G network developments, Mitsui Chemicals seeks to achieve sustainable growth in global markets by providing solutions to diversify needs and reinforcing the competitiveness of its businesses.

<Outline of Expanded Production Capacity>

Product	EUV pellicle
Factory location	Iwakuni, Japan
Schedule (calendar year)	Completion in 2 nd quarter, 2020 (tentative)

<Outline of ASML & Mitsui Chemicals>

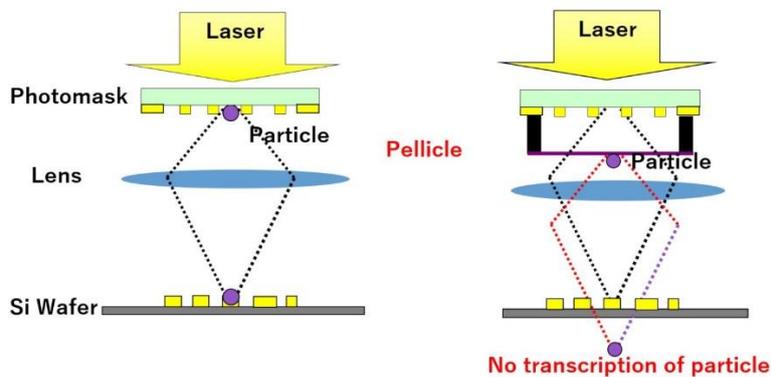
	ASML	Mitsui Chemicals, Inc.
Establishment	April 1984	October 1997
Address	De Run 6501, 5504 DR, Veldhoven, The Netherlands	1-5-2 Higashi-Shimbashi, Minato-ku, Tokyo, JAPAN
Business line	EUV Systems, DUV systems, and Applications	Mobility business, Health Care business, Food & Packaging business, Basic materials business and New Generation Business
Employees	>23,000 (full time equivalent)	17,277 (consolidated)

About Lithography

Lithography is the microfabrication technology that uses laser light for the production of Integrated Circuit (IC) and Liquid Crystal Display (LCD). The light is projected using a photomask (also known as a reticle) that contains the pattern of a circuit/device that will be printed onto a wafer. A lens or mirror focuses the pattern onto the wafer - a thin, round slice of semiconductor material - which is coated with a light-sensitive material (photo resist).

About Pellicle

Pellicle is a dust-proof cover that protects the photomask pattern from foreign materials and contributes to the productivity improvement of semiconductor manufacturing. The pellicle helps to prevent foreign materials from being printed onto semiconductor wafers.



About ASML (ISIN: NL0010273215)

ASML is one of the world's leading manufacturers of chip-making equipment. ASML's vision is a world in which semiconductor technology is everywhere and helps to tackle society's toughest challenges. ASML contributes to this goal by creating products and services that let chipmakers define the patterns that integrated circuits are made of. ASML continuously raises the capabilities of its products, enabling its customers to increase the value and reduce the cost of chips. By helping to make chips cheaper and more powerful, ASML helps to make semiconductor technology more attractive for a larger range of products and services, which in turn enables progress in fields such as healthcare, energy, mobility and entertainment. ASML is a multinational company with offices in more than 60 cities in 16 countries, headquartered in Veldhoven, the Netherlands. ASML employs more than 23,000 people on payroll and flexible contracts (expressed in full time equivalents). ASML is traded on Euronext Amsterdam and NASDAQ under the symbol ASML. More information about ASML, products and technology, and career opportunities is available on www.asml.com.

About Mitsui Chemicals (Tokyo: 4183, ISIN: JP3888300005)

Mitsui Chemicals' roots can be traced back to 1912 when it began producing raw material for chemical fertilizers from coal gas byproducts, the first company in Japan to do so. This undertaking significantly contributed to increasing agricultural productivity, a major social issue at the time. Later, the company evolved its technology from coal chemicals to gas chemicals, and it built Japan's first petrochemical complex in 1958. Today, the company boasts many world-class products and services with sales standing at 1.3 trillion yen and with over 120 companies consolidated in 29 countries. Mitsui Chemicals will continue to solve social challenges in the Mobility, Health Care, and Food & Packaging domains by "Creating New Customer Value through Innovation". For more information, visit mitsuichem.com.

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