Schultz-Huemann, or some other complete edition of the German chemical patents.

I happen to be one of the fortunate who have Beilstein, but I would like another copy for laboratory use.

My company is not one of the largest ones and therefore could not subscribe the \$30,000, but we will take one copy at \$100 instead of the \$10, which you suggest. In fact, if it came down to the scratch you might induce us to pay twice that amount, and we would subscribe proportionally to the reproduction of any one of the editions giving the German patent specifications.

I think this is a splendid suggestion on your part. I hope you will push it with all possible speed, and as you say, let the Huns do the worrying about our patriotism. I do not think that this will be very cruel, because I think they will have other things to worry about which will ease the pain caused by this slight offensive.

PEERLESS COLOR COMPANY
BOUND BROOK, N. J.
September 20, 1918

R. W. CORNELISON
President and General Manager

LIBRARY FOR EDGEWOOD ARSENAL LABORATORY

Editor of the Journal of Industrial and Engineering Chemistry:

Attached herewith is a copy of a letter which I recently addressed to our Commanding Officer, Colonel Wm. H. Walker. It is self-explanatory. Colonel Walker has approved my suggestion that I write to you. Since writing the above we have located a copy of Beilstein's *Organische Chemie, Metallurgical and Chemical Engineering, Transactions of the American Society of Testing Materials, Chemical Abstracts*.

The attached letter (copy) to Prof. V. H. Gottschalk, University of Missouri, is one which is also self-explanatory. Prof. Gottschalk's letter as well as others which we have received are full of splendid patriotism and scientific interest.

From what you saw here on your recent visit, you can readily appreciate our need of any files of the well-known chemical journals. Will you give us a lift? We dream of the *American Chemical Journal, Journal of the Chemical Society, Liebig's Annalen, the Berichte*, and others.

CHEMICAL LABORATORY
EDGEWOOD ARSENAL
September 20, 1918

(Signed) WM. LLOYD EVANS
Major, C.W.S., U. S. A.

Col. Wm. H. Walker,
Commanding Officer,
Baltimore, Md.

DEAR SIR:

As we are becoming more settled in our laboratory work, the need for the well-known handbooks and chemical journals becomes more apparent daily. We are badly in need of such works as Beilstein's *Organische Chemie*, Landolt-Börnstein *Tabellen, Journal of the American Chemical Society, Journal of Industrial and Engineering Chemistry, Metallurgical and Chemical Engineering, Journal of the Society of Chemical Industry, Transactions of the American Society of Testing Materials, Transactions of the American Electrochemical Society*, and many others that readily suggest themselves. Through the kindness of the duPont Company, of Wilmington, we have been able to locate the owners of a few of these desirable works, but as you can readily imagine they are very difficult to obtain. You will be happy to know that Dr. Ira Remsen has offered us his *Gmelin-Kraut* as a loan.

It has occurred to me that a notice placed in the *Journal of Industrial and Engineering Chemistry* and also in *Science*, explaining the needs of this laboratory, might bring forth loans of books we greatly desire. If the Commanding Officer, Edgewood Arsenal, concurs in this view, might I respectfully sug-

gest that this notice be asked for, and that all communications in reference to the same be made to the Commanding Officer, Edgewood Arsenal?

(Signed) WM. LLOYD EVANS,
Major, C. W. S., U. S. A.

CHEMICAL LABORATORY
EDGEWOOD ARSENAL
August 31, 1918

AGREEMENT

The Edgewood Arsenal acknowledges the loan by Mr. V. H. Gottschalk of the books on chemistry and related subjects, listed below, and agrees to return them without damage at the end of the war. In case of damage or loss involving any or all of the books mentioned, the Edgewood Arsenal assumes liability therefor up to 150 per cent of the original price.

It is understood that the cost of packing and shipping the books to and from Edgewood Arsenal will be borne by the Government.

The following books are included in the above agreement:

Handbuch der anorganischen Chemie, Abegg, 6 Vols.

Handbuch der angewandten physikalischen Chemie, to date of last issue shipped to America.

Arendt's *Sammlung Chem. und Chem.-Tech. Vorträge*, Vols. 1-15.

Moissan, *Traité de Chimie Mineral*.

Zeitschrift für physikalische Chemie, Vols 42-70, Index 25-50.

Annalen der Physik (Drude), Vols. 1-36.

Winkelmann, *Handbuch der Physik* (Optik, Vols. 3, 4, 5, is loaned to Prof. Dean).

(Signed) WM. H. WALKER
Colonel, C.W.S., U. S. A.

CHEMICAL LABORATORY
EDGEWOOD ARSENAL
August 30, 1918

ORDNANCE DEPARTMENT, SCHOOL OF EXPLOSIVES MANUFACTURE, COLUMBIA UNIVERSITY

The Ordnance Department of the Army, particularly in the Production and Inspection Divisions, is in need of men with training in the manufacture of explosives and the related raw materials. The manufacture of explosives is developing out of proportion to the number of men in the country who have had training and experience in that work. To meet this condition the War Department Committee on Education and Special Training is establishing in the Department of Chemical Engineering at Columbia University in the City of New York an Ordnance Department School of Explosives Manufacture. The object of this School is to give men with proper preliminary qualifications the training necessary to fit them for use by the Ordnance Department as commissioned officers in the supervision of factory operation and inspection of the finished products in plants manufacturing explosives and raw materials for explosives.

The school will be only for enlisted men in the military service who are detailed for instruction in the school by the Ordnance Department. The ways in which students will be obtained are three:

- 1—Transfer of men already in the military service.
- 2—Induction of men of draft age who have not yet been called.
- 3—Volunteer enlistment of men not in draft age.

The minimum requirement as to technical training for admission will be graduation from a recognized college or university with a bachelor's degree in chemistry or chemical engineering, or factory experience of equivalent character.

The course of training will be of 12 weeks' length and will consist of: